

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122822\
 Data File : BP013352.D
 Acq On : 28 Dec 2022 15:12
 Operator : CG/JU
 Sample : N6187-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 29 14:29:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 28 00:16:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	376196	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	1703436	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	1184131	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	2780294	20.000	ng/u1	0.00
79) Chrysene-d12	21.422	240	2541349	20.000	ng/u1	0.00
88) Perylene-d12	23.886	264	2227893	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	49152	5.586	ng/uL	0.00
4) Pyridine-d5	3.746	84	694577	27.790	ng/u1	0.00
7) Phenol-d5	7.093	99	1051412	34.313	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	634058	34.302	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	804618	33.357	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	878784	35.001	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	420018	33.560	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	494022	35.061	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	959420	35.056	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	1102622	28.538	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	3029655	33.291	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	3325812	33.258	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	517407	31.607	ng/u1	0.00
60) Fluorene-d10	15.569	176	2579123	33.499	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	536297	29.974	ng/u1	0.00
73) Anthracene-d10	17.434	188	4187763	33.387	ng/u1	0.00
81) Pyrene-d10	19.669	212	5075082	34.791	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	3741095	33.689	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	122727	13.362	ng/uL#	91
5) Pyridine	3.770	79	887080	35.711	ng/u1	97
6) Benzaldehyde	7.069	77	683096	56.932	ng/u1	99
8) Phenol	7.122	94	1259121	40.641	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.352	93	969352	38.120	ng/u1	95
12) 2-Chlorophenol	7.493	128	951279	38.457	ng/u1	96
13) 2-Methylphenol	8.375	108	960602	39.770	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.464	45	1492577	42.775	ng/u1	98
16) Acetophenone	8.764	105	1562685	40.592	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.746	70	827142	42.727	ng/u1	93
18) 4-Methylphenol	8.711	108	1072055	40.071	ng/u1	99
19) Hexachloroethane	9.011	117	371764	37.609	ng/u1	97
22) Nitrobenzene	9.140	77	1166777	39.728	ng/u1	96
23) Isophorone	9.669	82	2355792	39.670	ng/u1	98
25) 2-Nitrophenol	9.858	139	597092	39.110	ng/u1	95
26) 2,4-Dimethylphenol	9.916	107	1165862	39.139	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.152	93	1422586	37.465	ng/u1	99
29) 2,4-Dichlorophenol	10.393	162	1067451	39.817	ng/u1	99
30) Naphthalene	10.793	128	3264648	36.645	ng/u1	100
32) 4-Chloroaniline	10.905	127	1289431	33.725	ng/u1	99
33) Hexachlorobutadiene	11.075	225	710643	38.607	ng/u1	98
34) Caprolactam	11.699	113	220947	24.171	ng/u1	91
35) 4-Chloro-3-methylphenol	12.028	107	1155729	42.243	ng/u1	98
36) 2-Methylnaphthalene	12.399	142	2338301	38.259	ng/u1	100

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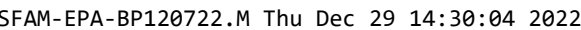
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 ClientSampleId :

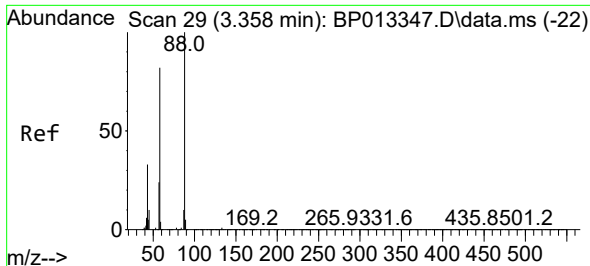
Quant Time: Dec 29 14:29:54 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	2340899	37.244	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	1463192	38.375	ng/ul	100
40) Hexachlorocyclopentadiene	12.740	237	805041	32.445	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	981779	40.065	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	1074543	40.824	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	3260523	36.663	ng/ul	100
44) 2-Chloronaphthalene	13.451	162	2593360	37.051	ng/ul	100
45) 2-Nitroaniline	13.657	65	762515	44.933	ng/ul	93
47) Dimethylphthalate	14.034	163	3380721	37.481	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	703232	41.952	ng/ul	97
50) Acenaphthylene	14.299	152	4023797	37.428	ng/ul	100
51) 3-Nitroaniline	14.487	138	641709	40.542	ng/ul	98
52) Acenaphthene	14.640	153	2787773	37.419	ng/ul	99
53) 2,4-Dinitrophenol	14.693	184	438790	38.295	ng/ul	97
55) 4-Nitrophenol	14.793	109	479909	42.965	ng/ul	93
56) Dibenzofuran	14.975	168	3994813	37.714	ng/ul	100
57) 2,4-Dinitrotoluene	14.946	165	1012007	41.562	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	994346	41.395	ng/ul	94
59) Diethylphthalate	15.393	149	3352044	38.229	ng/ul	99
61) Fluorene	15.628	166	3291559	38.747	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.616	204	1777753	39.572	ng/ul	100
63) 4-Nitroaniline	15.651	138	692698	49.734	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.710	198	669633	38.299	ng/ul	100
67) N-Nitrosodiphenylamine	15.834	169	2856534	37.059	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	1161781	38.478	ng/ul	99
69) Hexachlorobenzene	16.634	284	1366491	38.116	ng/ul	99
70) Atrazine	16.793	200	1167188	38.857	ng/ul	99
71) Pentachlorophenol	16.981	266	835175	38.467	ng/ul	99
72) Phenanthrene	17.375	178	5407413	37.340	ng/ul	100
74) Anthracene	17.469	178	5481217	37.907	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	1495200	37.694	ng/ul	99
76) Pentachlorobenzene	14.893	250	1488728	36.811	ng/ul	99
77) Carbazole	17.740	167	4864347	39.946	ng/ul	99
78) Di-n-butylphthalate	18.281	149	5919033	39.921	ng/ul	100
80) Fluoranthene	19.339	202	6640928	40.111	ng/ul	99
82) Pyrene	19.692	202	6791902	39.768	ng/ul	99
83) Butylbenzylphthalate	20.557	149	2632605	39.901	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.333	252	1782978	31.056	ng/ul	99
85) Benzo(a)anthracene	21.404	228	6399923	37.935	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.310	149	3801068	40.841	ng/ul	100
87) Chrysene	21.463	228	5996509	37.586	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	5827228	46.688	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	5578039	39.263	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	5497622	39.025	ng/ul	99
93) Benzo(a)pyrene	23.780	252	4689292	37.908	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	5437202	35.287	ng/ul	98
95) Dibenzo(a,h)anthracene	26.486	278	4591272	35.989	ng/ul	99
96) Benzo(g,h,i)perylene	27.257	276	4446555	35.946	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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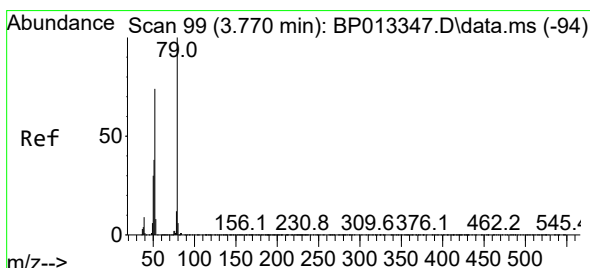
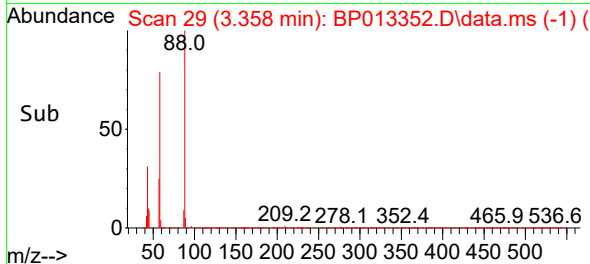
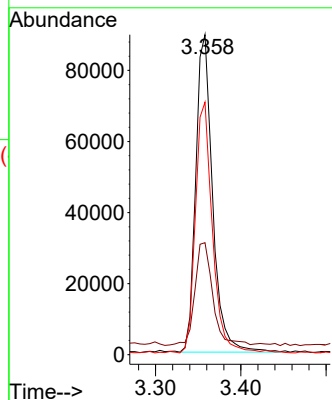
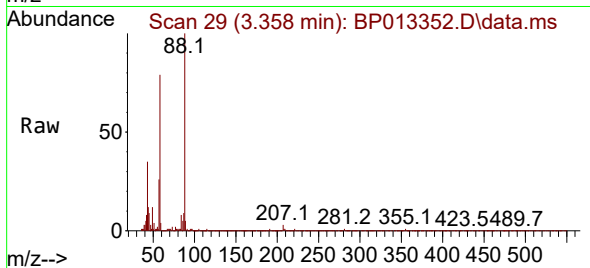




#2
1,4-Dioxane
Concen: 13.362 ng/uL
RT: 3.358 min Scan# 29
Delta R.T. 0.000 min
Lab File: BP013352.D
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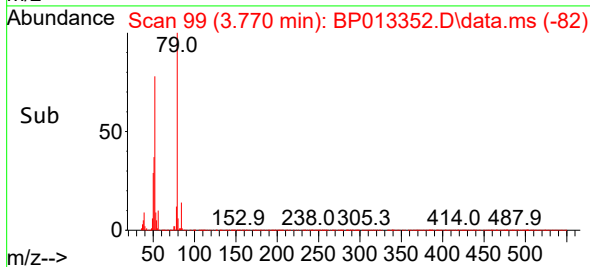
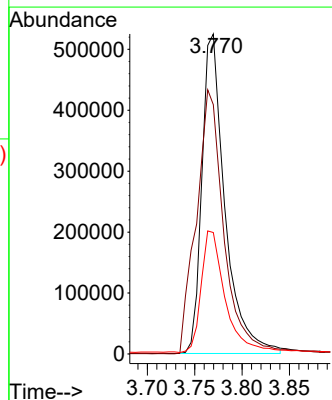
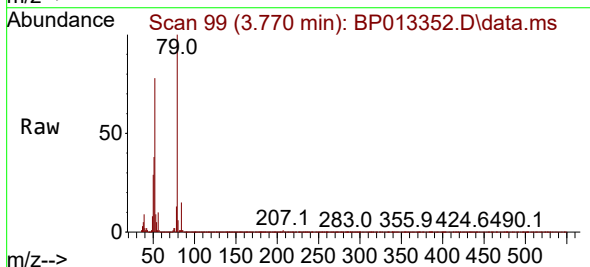
Instrument :
BNA_P
ClientSampleId :

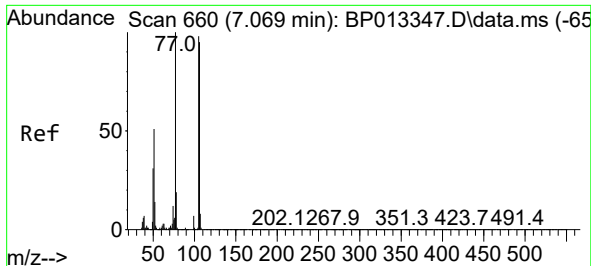
Tgt Ion: 88 Resp: 122727
Ion Ratio Lower Upper
88 100
43 35.0 22.4 33.6#
58 78.9 58.2 87.4



#5
Pyridine
Concen: 35.711 ng/uL
RT: 3.770 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion: 79 Resp: 887080
Ion Ratio Lower Upper
79 100
52 77.9 60.7 91.1
51 37.9 28.9 43.3

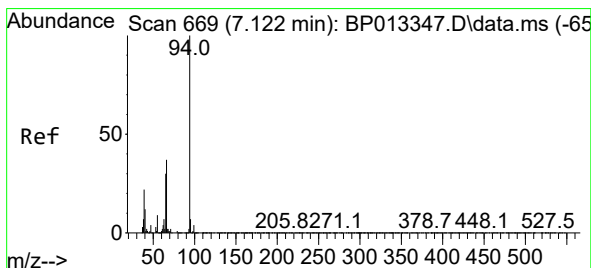
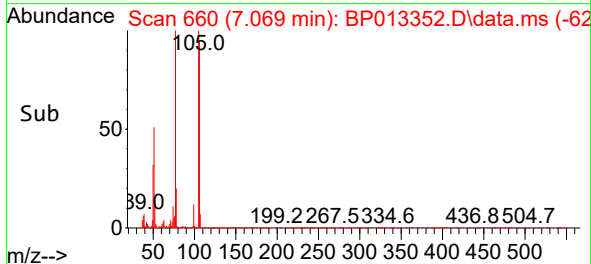
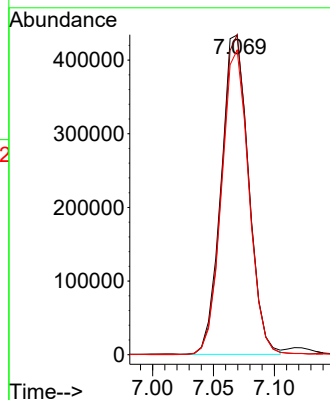
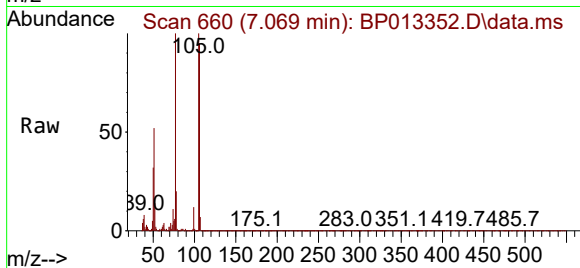




#6
Benzaldehyde
Concen: 56.932 ng/ul
RT: 7.069 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

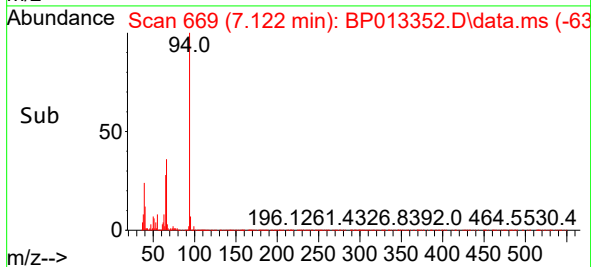
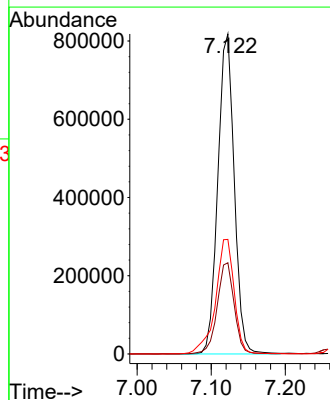
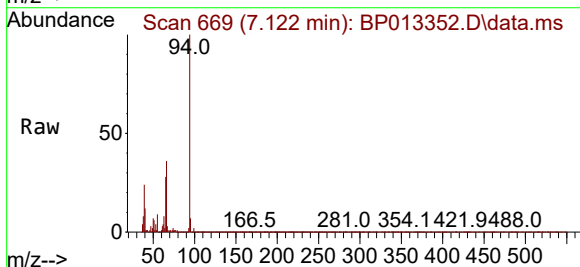
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ClientSampleId :

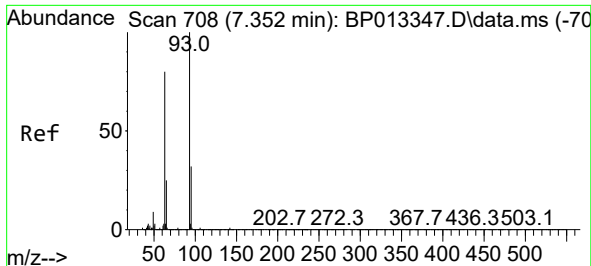
Tgt Ion: 77 Resp: 683096
Ion Ratio Lower Upper
77 100
105 100.1 81.5 122.3
106 95.3 76.9 115.3



#8
Phenol
Concen: 40.641 ng/ul
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion: 94 Resp: 1259121
Ion Ratio Lower Upper
94 100
65 28.5 21.1 31.7
66 35.8 27.0 40.6

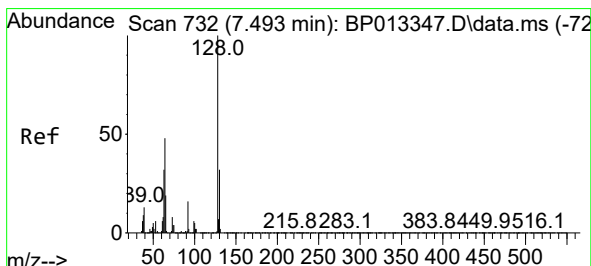
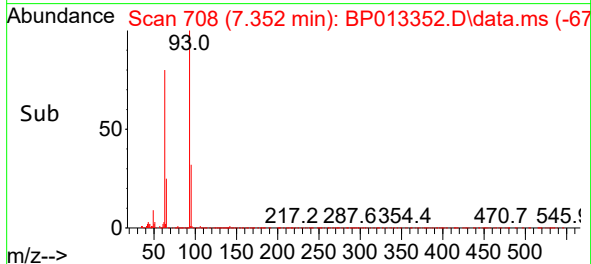
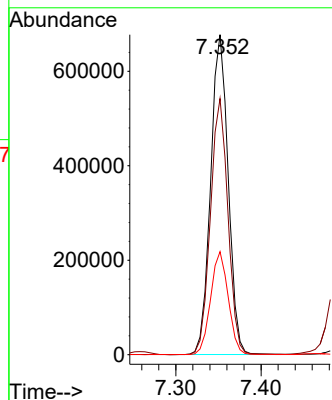
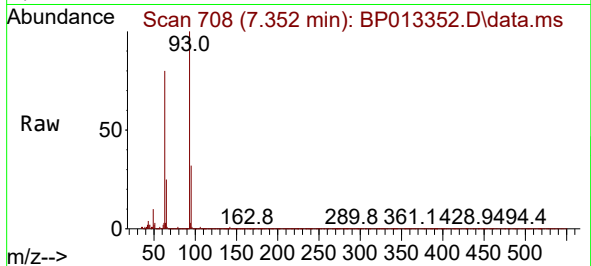




#10
 Bis(2-Chloroethyl)ether
 Concen: 38.120 ng/ul
 RT: 7.352 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: BP013352.D
 Acq: 28 Dec 2022 15:12

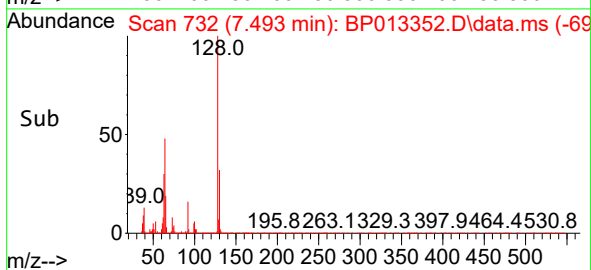
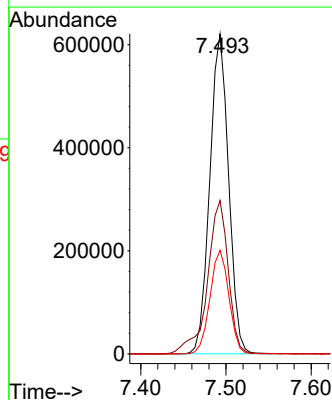
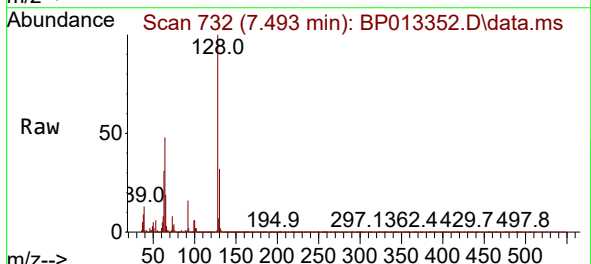
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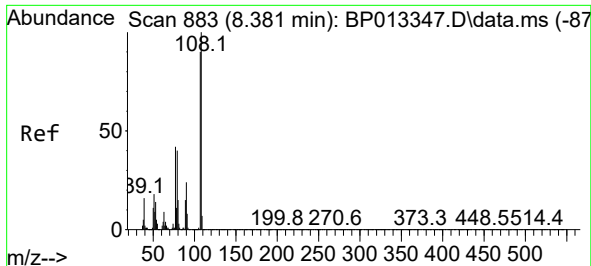
Tgt Ion: 93 Resp: 969352
 Ion Ratio Lower Upper
 93 100
 63 80.1 59.8 89.8
 95 32.2 26.4 39.6



#12
 2-Chlorophenol
 Concen: 38.457 ng/ul
 RT: 7.493 min Scan# 732
 Delta R.T. 0.000 min
 Lab File: BP013352.D
 Acq: 28 Dec 2022 15:12

Tgt Ion: 128 Resp: 951279
 Ion Ratio Lower Upper
 128 100
 64 48.0 34.9 52.3
 130 32.4 25.8 38.6





#13

2-Methylphenol

Concen: 39.770 ng/ul

RT: 8.375 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

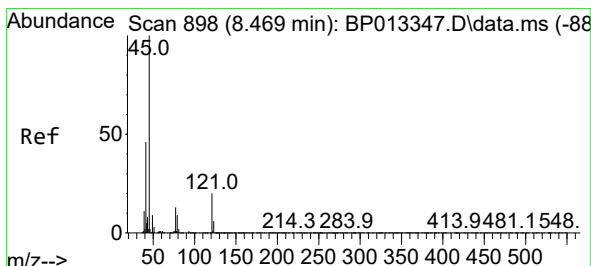
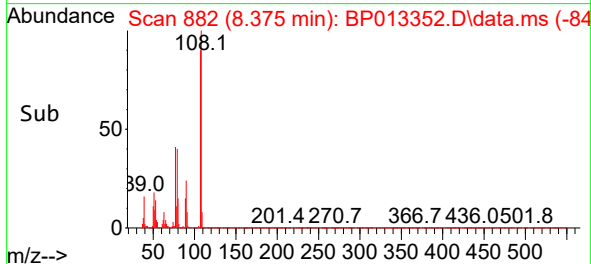
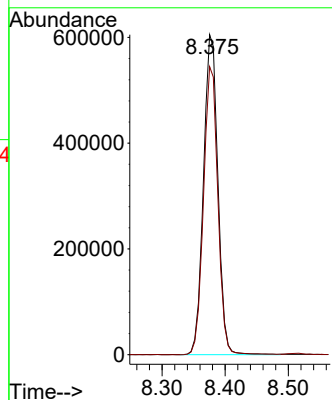
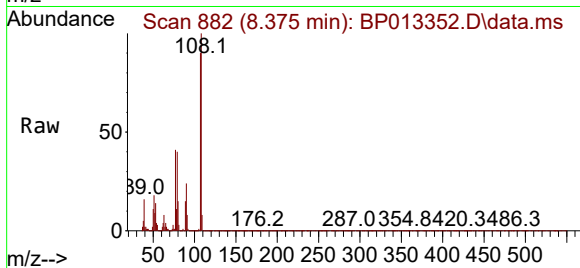
ClientSampleId :

Tgt Ion:108 Resp: 960602

Ion Ratio Lower Upper

108 100

107 90.0 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 42.775 ng/ul

RT: 8.464 min Scan# 897

Delta R.T. 0.006 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

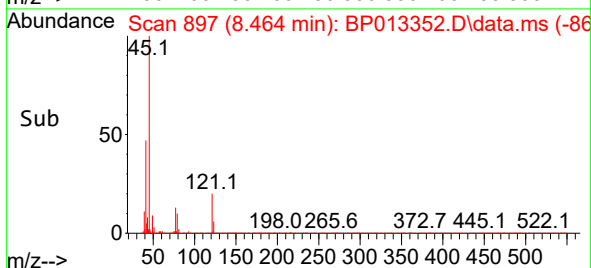
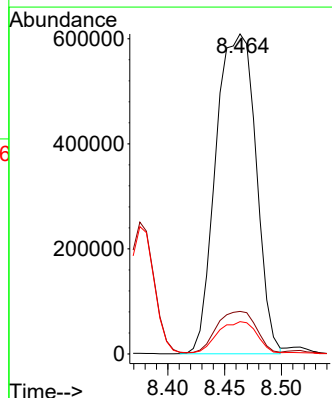
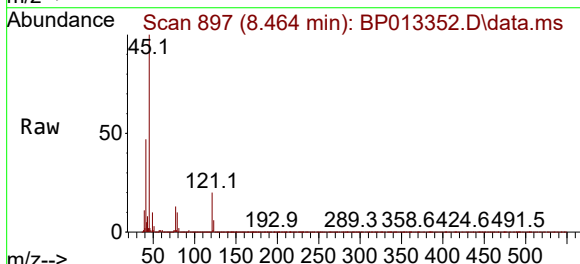
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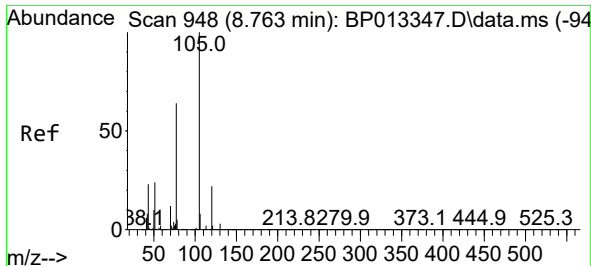
Ion Ratio Lower Upper

45 100

77 13.3 11.0 16.6

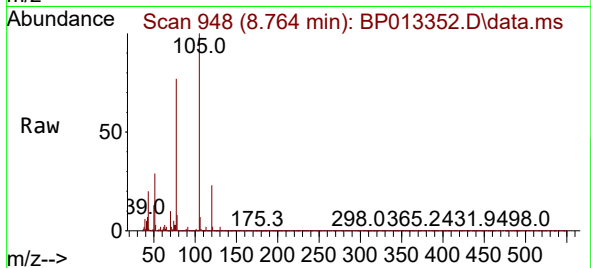
79 10.1 9.3 13.9



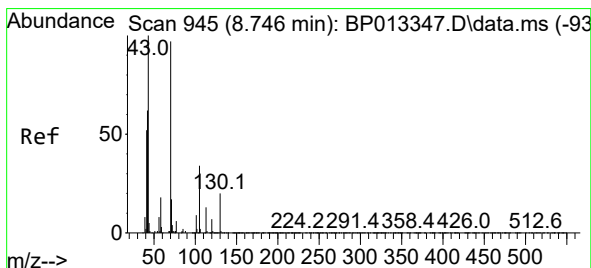
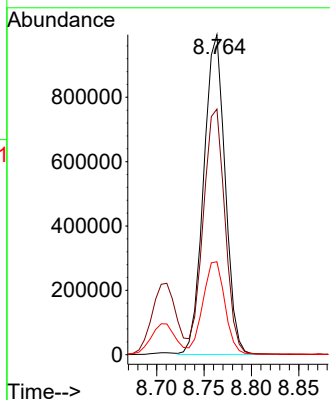
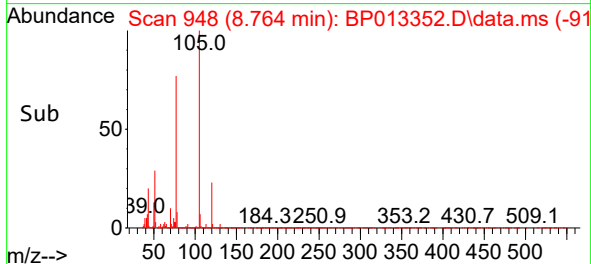


#16
Acetophenone
Concen: 40.592 ng/ul
RT: 8.764 min Scan# 948
Delta R.T. 0.000 min
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ClientSampleId :

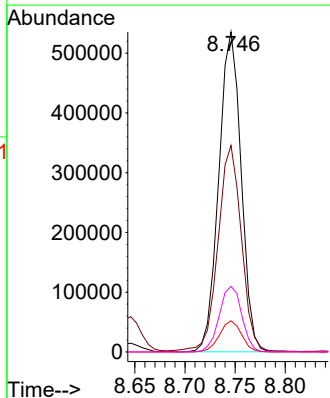
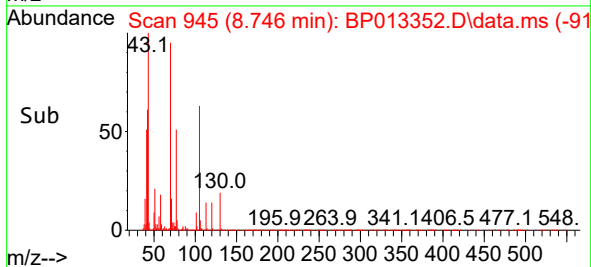
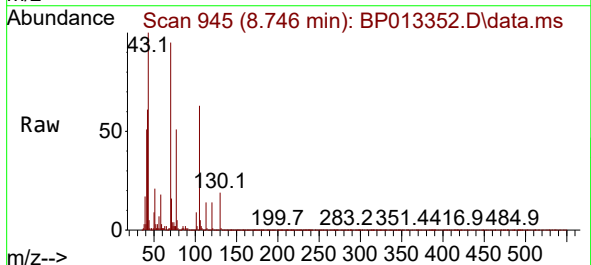


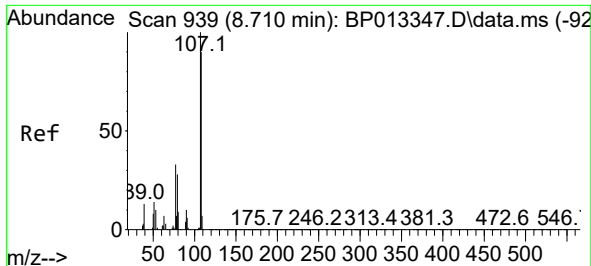
Tgt Ion:105 Resp: 1562685
Ion Ratio Lower Upper
105 100
77 76.7 59.3 88.9
51 29.0 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 42.727 ng/ul
RT: 8.746 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion: 70 Resp: 827142
Ion Ratio Lower Upper
70 100
42 64.6 45.5 68.3
101 9.7 7.9 11.9
130 20.5 17.4 26.2

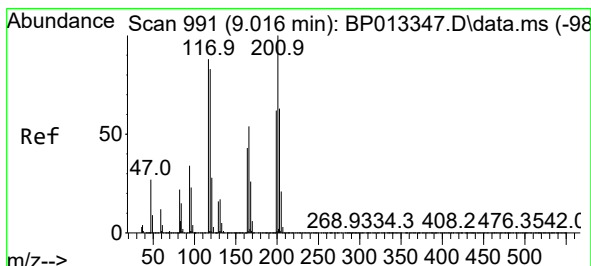
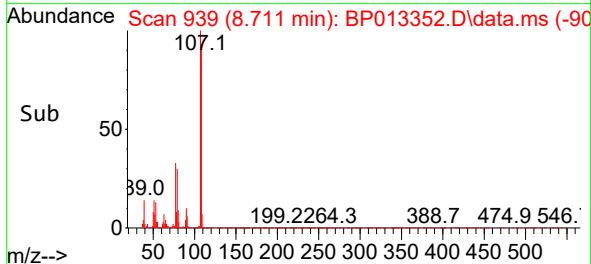
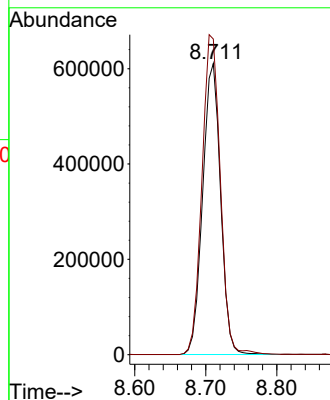
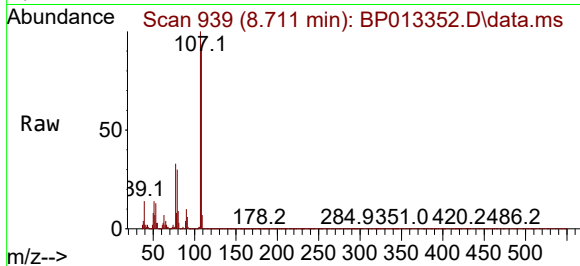




#18
4-Methylphenol
Concen: 40.071 ng/ul
RT: 8.711 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

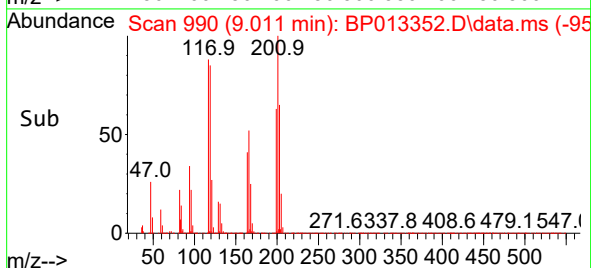
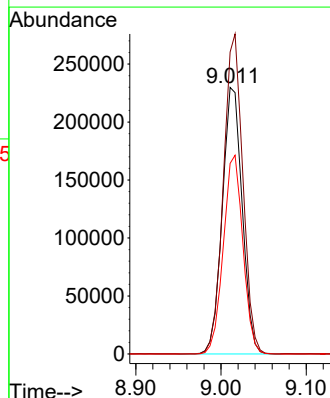
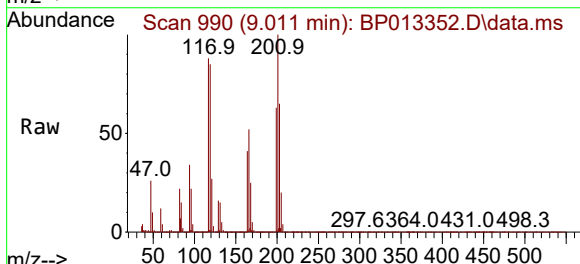
Instrument :
BNA_P
ClientSampleId :

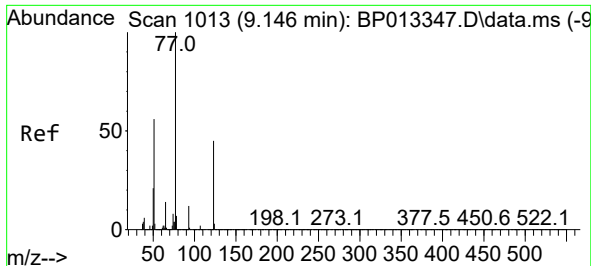
Tgt Ion:108 Resp: 1072055
Ion Ratio Lower Upper
108 100
107 108.4 87.4 131.2



#19
Hexachloroethane
Concen: 37.609 ng/ul
RT: 9.011 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:117 Resp: 371764
Ion Ratio Lower Upper
117 100
201 113.3 93.7 140.5
199 71.5 58.6 88.0

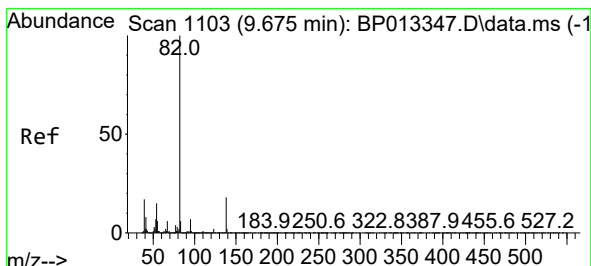
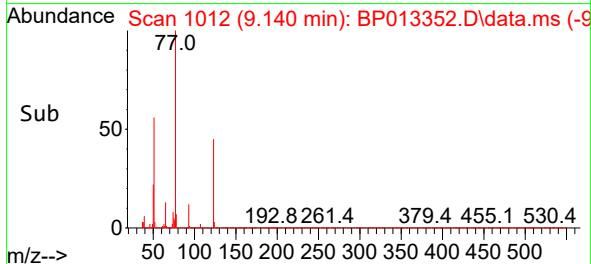
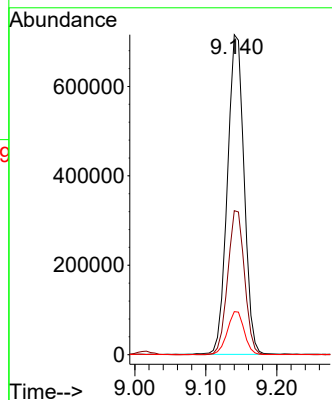
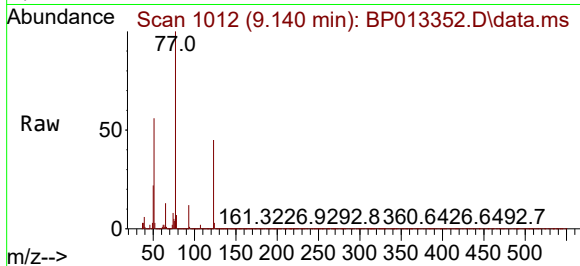




#22
Nitrobenzene
Concen: 39.728 ng/ul
RT: 9.140 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

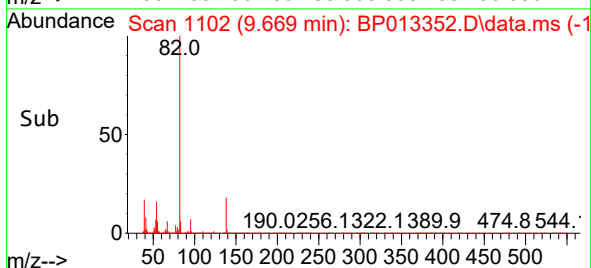
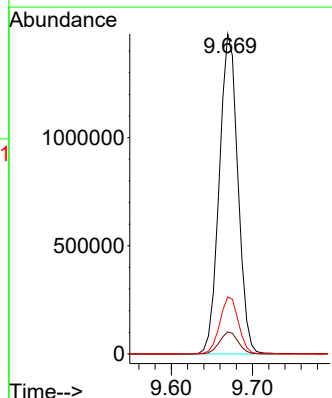
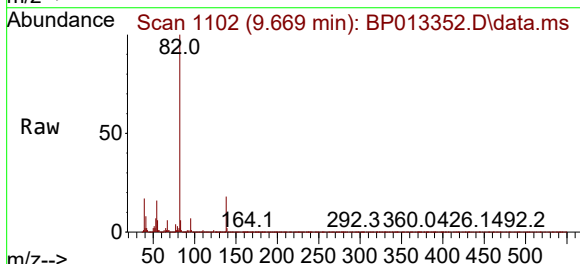
Instrument :
BNA_P
ClientSampleId :

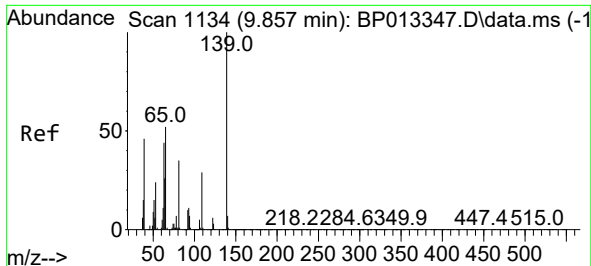
Tgt Ion: 77 Resp: 1166777
Ion Ratio Lower Upper
77 100
123 45.0 38.3 57.5
65 13.5 10.3 15.5



#23
Isophorone
Concen: 39.670 ng/ul
RT: 9.669 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion: 82 Resp: 2355792
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.8 15.3 22.9

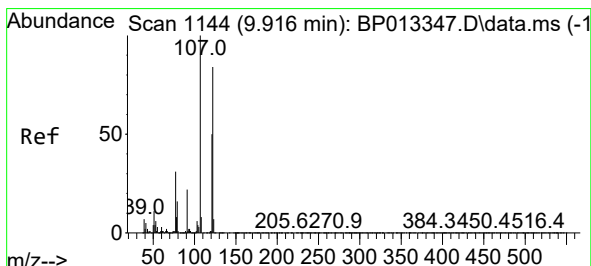
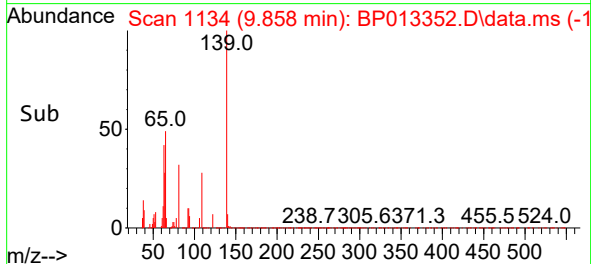
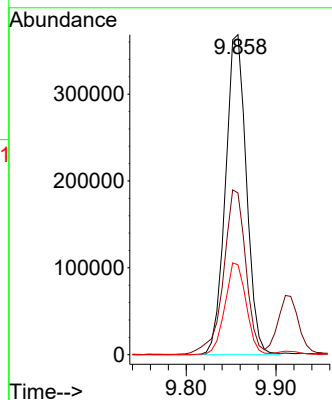
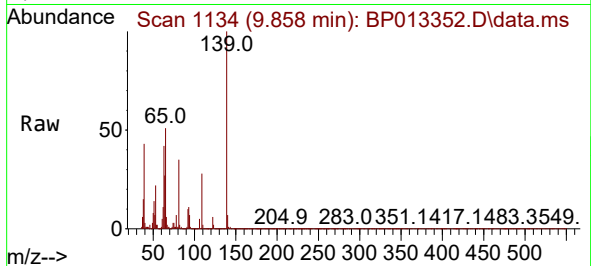




#25
2-Nitrophenol
Concen: 39.110 ng/ul
RT: 9.858 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

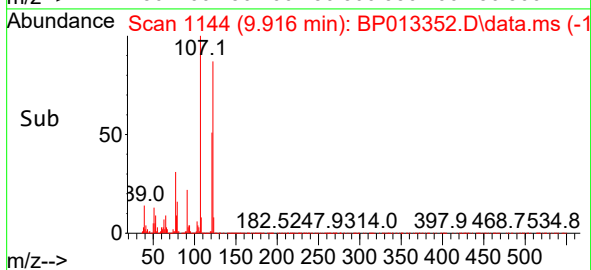
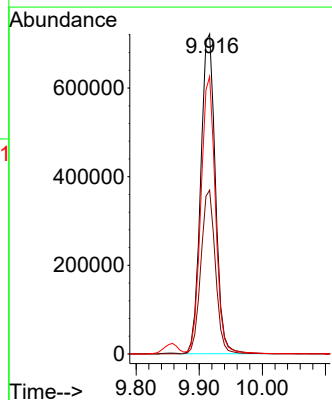
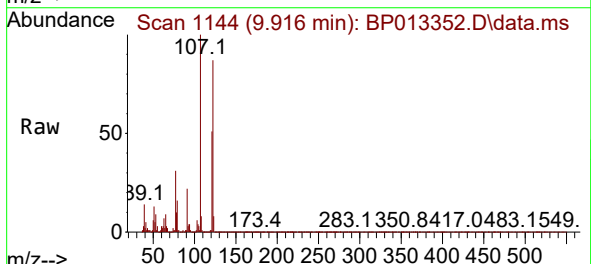
Instrument :
BNA_P
ClientSampleId :

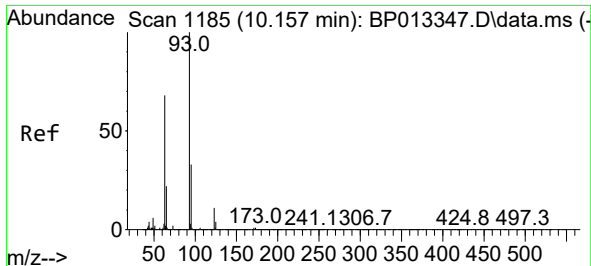
Tgt Ion:139 Resp: 597092
Ion Ratio Lower Upper
139 100
65 50.5 36.6 54.8
109 28.1 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 39.139 ng/ul
RT: 9.916 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:107 Resp: 1165862
Ion Ratio Lower Upper
107 100
121 51.2 41.8 62.6
122 86.7 72.6 108.8

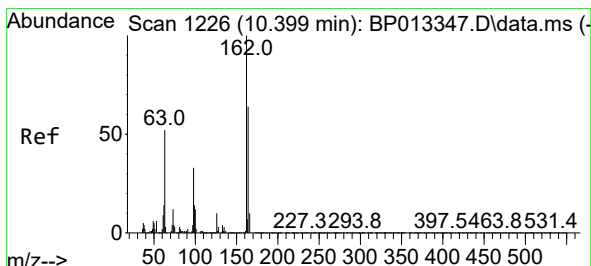
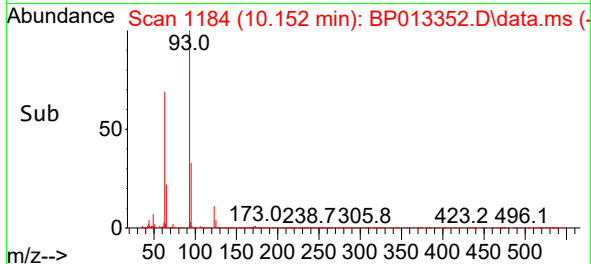
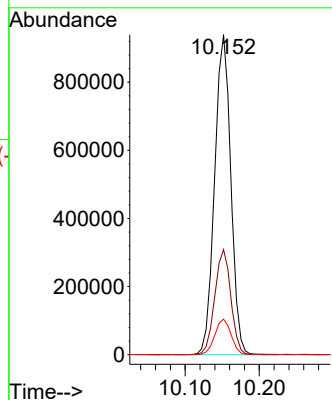
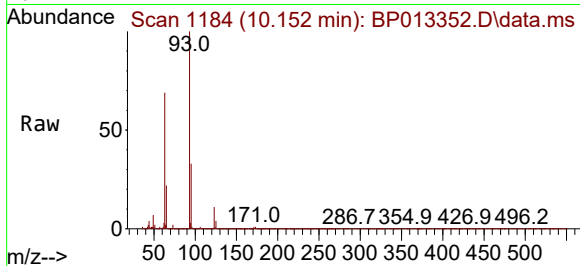




#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.465 ng/ul
 RT: 10.152 min Scan# 1184
 Delta R.T. 0.000 min
 Lab File: BP013352.D
 Acq: 28 Dec 2022 15:12

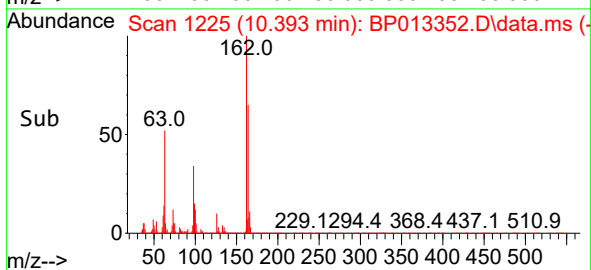
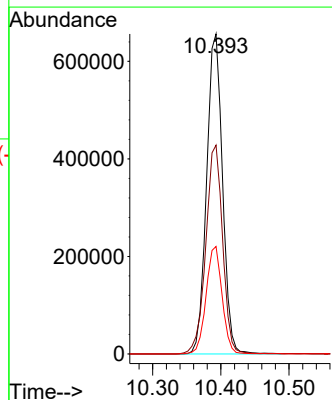
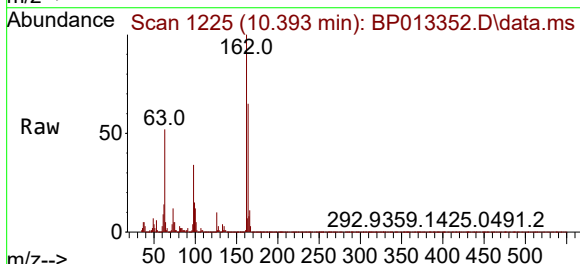
Instrument :
 BNA_P
 ClientSampleId :

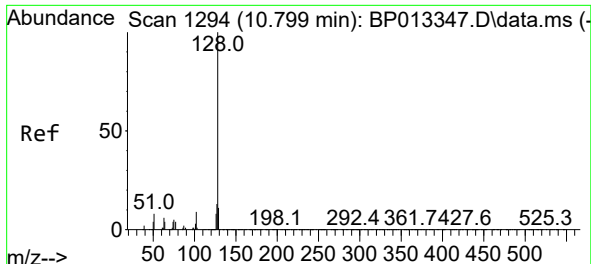
Tgt Ion: 93 Resp: 1422586
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 11.1 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 39.817 ng/ul
 RT: 10.393 min Scan# 1225
 Delta R.T. 0.000 min
 Lab File: BP013352.D
 Acq: 28 Dec 2022 15:12

Tgt Ion:162 Resp: 1067451
 Ion Ratio Lower Upper
 162 100
 164 65.2 52.5 78.7
 98 33.6 26.6 39.8

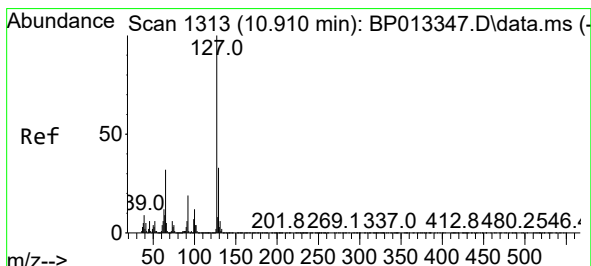
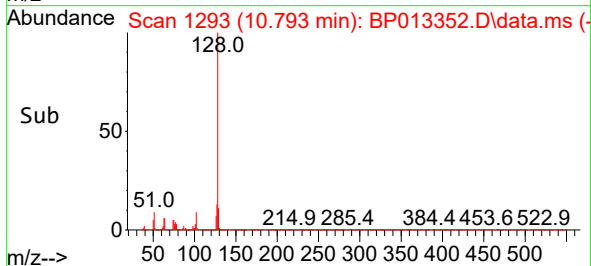
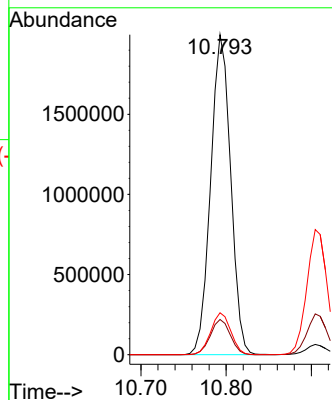
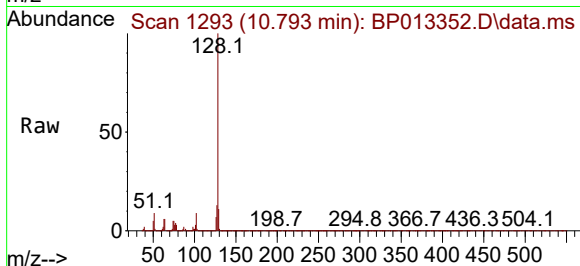




#30
Naphthalene
Concen: 36.645 ng/ul
RT: 10.793 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

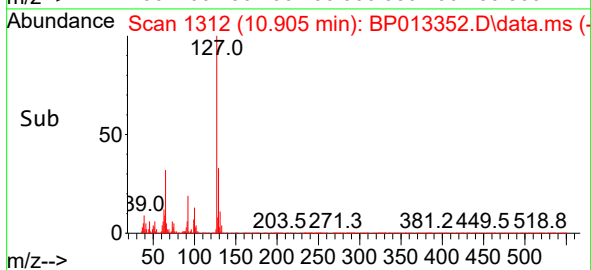
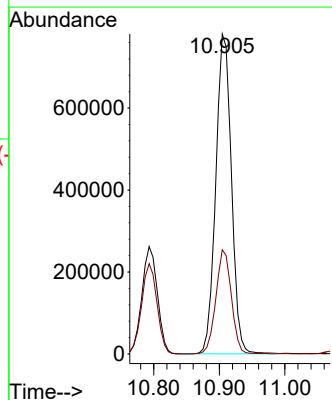
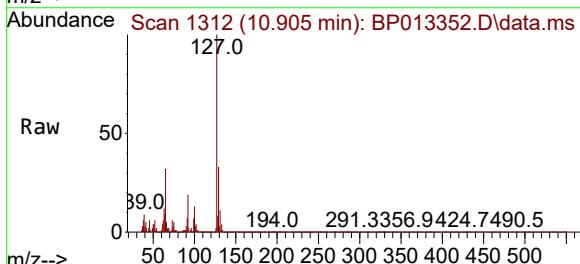
Instrument :
BNA_P
ClientSampleId :

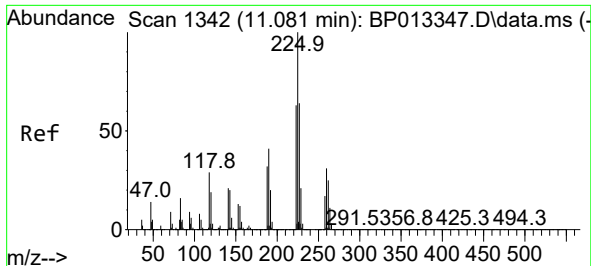
Tgt Ion:128 Resp: 3264648
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 33.725 ng/ul
RT: 10.905 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

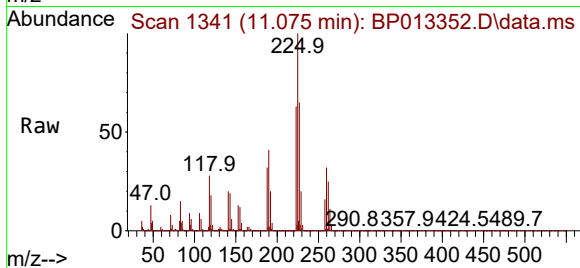
Tgt Ion:127 Resp: 1289431
Ion Ratio Lower Upper
127 100
129 32.6 25.6 38.4



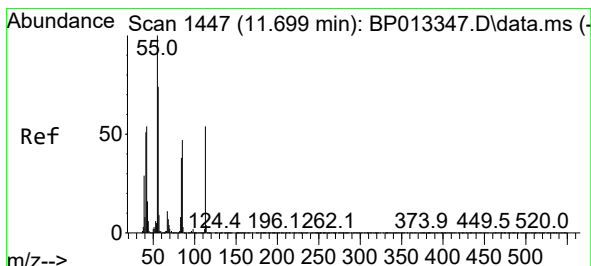
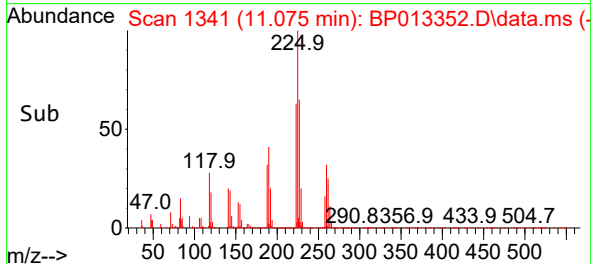
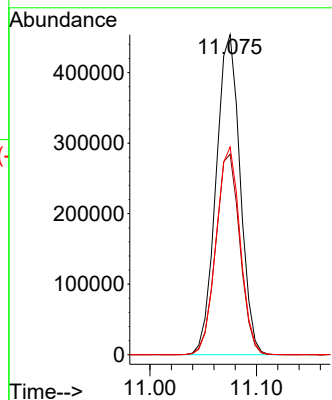


#33
Hexachlorobutadiene
Concen: 38.607 ng/ul
RT: 11.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Instrument :
BNA_P
ClientSampleId :

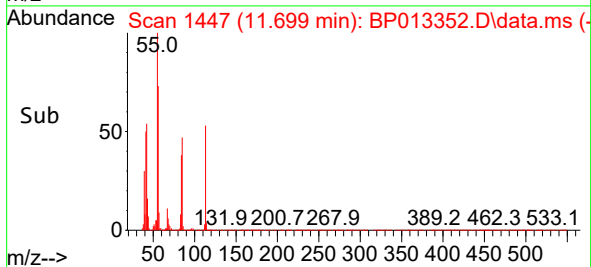
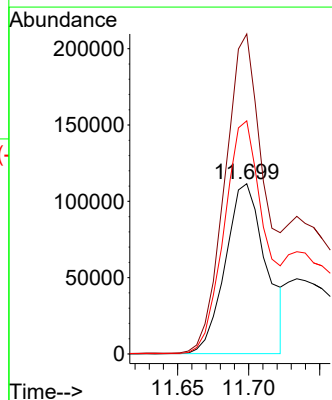
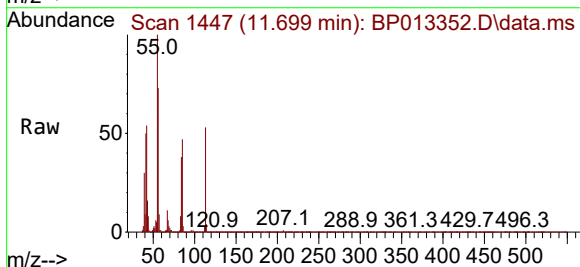


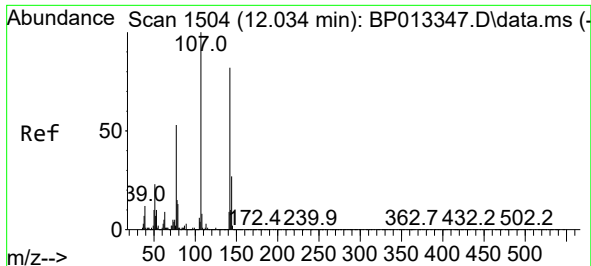
Tgt Ion:225 Resp: 710643
Ion Ratio Lower Upper
225 100
223 62.7 49.2 73.8
227 64.9 50.2 75.2



#34
Caprolactam
Concen: 24.171 ng/ul
RT: 11.699 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:113 Resp: 220947
Ion Ratio Lower Upper
113 100
55 188.0 141.9 212.9
56 136.9 99.6 149.4

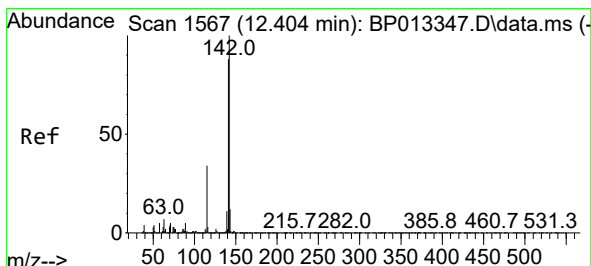
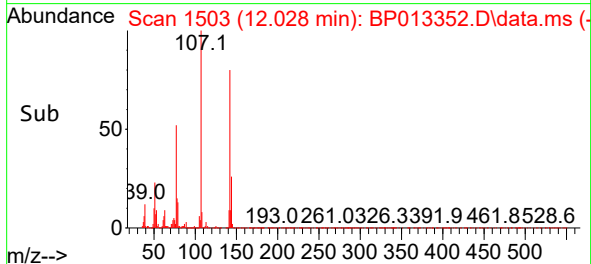
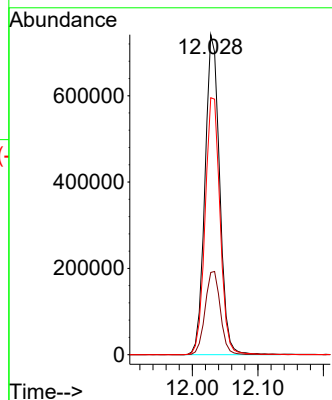
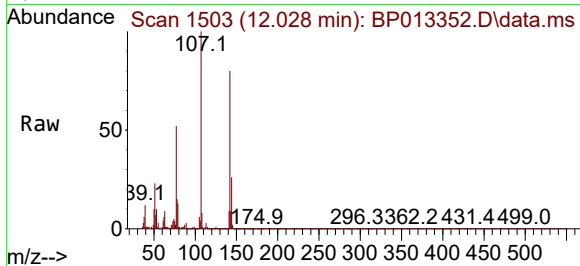




#35
4-Chloro-3-methylphenol
Concen: 42.243 ng/ul
RT: 12.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

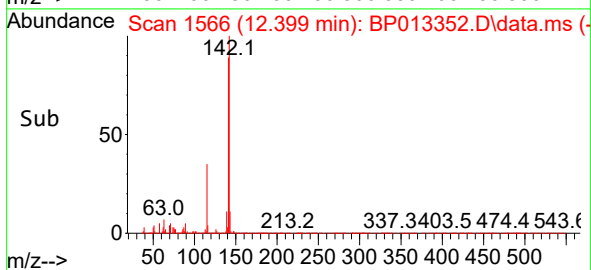
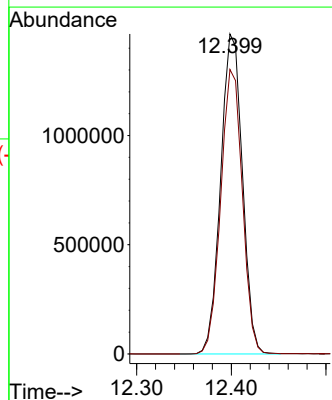
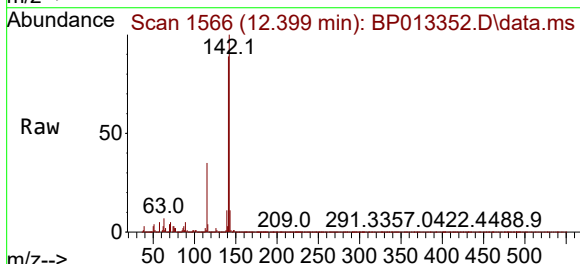
Instrument :
BNA_P
ClientSampleId :

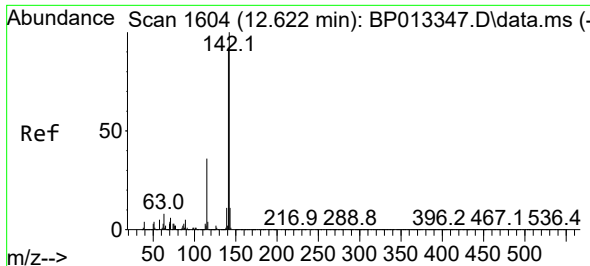
Tgt Ion:107 Resp: 1155729
Ion Ratio Lower Upper
107 100
144 25.7 21.4 32.2
142 80.3 65.8 98.6



#36
2-Methylnaphthalene
Concen: 38.259 ng/ul
RT: 12.399 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:142 Resp: 2338301
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2





#37

1-Methylnaphthalene

Concen: 37.244 ng/ul

RT: 12.622 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

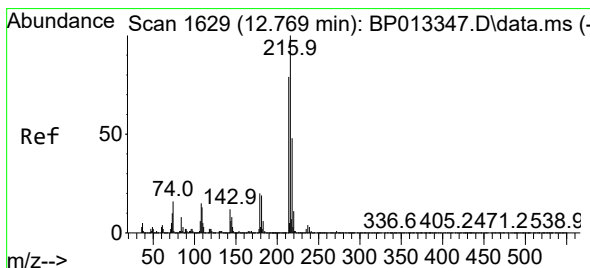
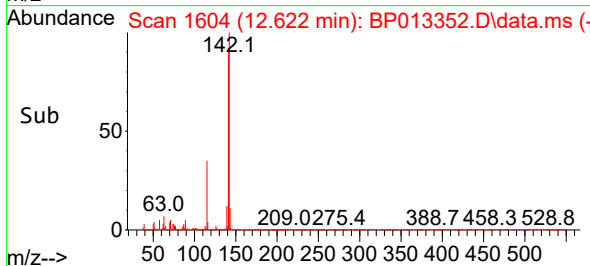
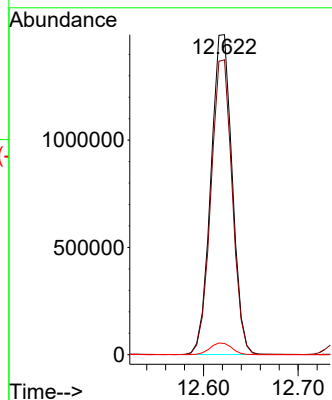
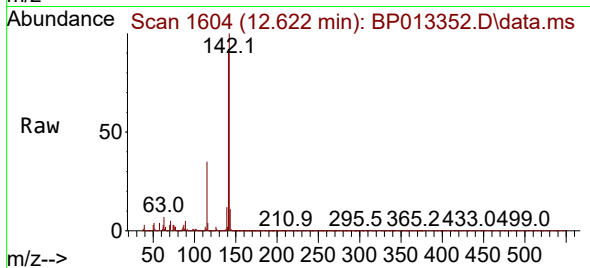
Tgt Ion:142 Resp: 2340899

Ion Ratio Lower Upper

142 100

141 92.1 72.7 109.1

116 3.5 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.375 ng/ul

RT: 12.769 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Tgt Ion:216 Resp: 1463192

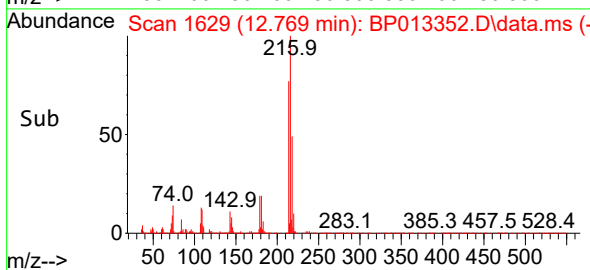
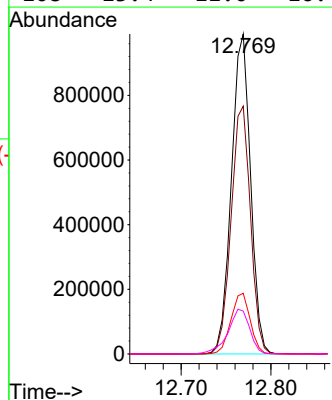
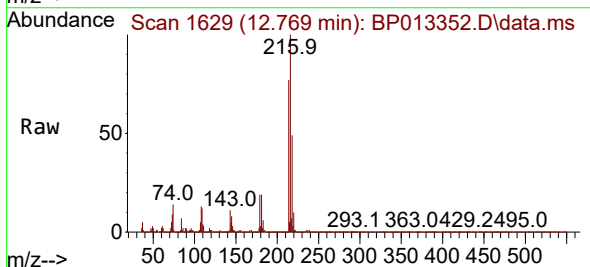
Ion Ratio Lower Upper

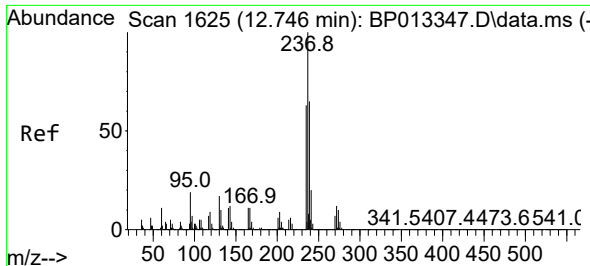
216 100

214 77.5 61.9 92.9

179 19.0 15.0 22.6

108 13.4 11.0 16.4

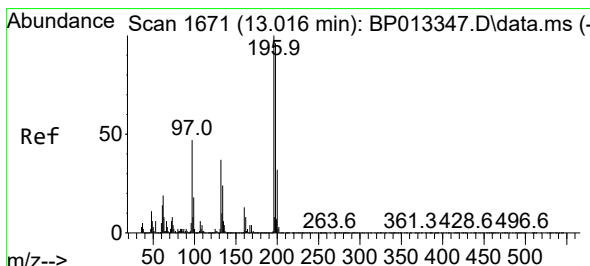
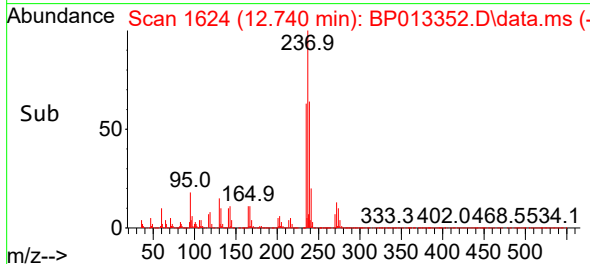
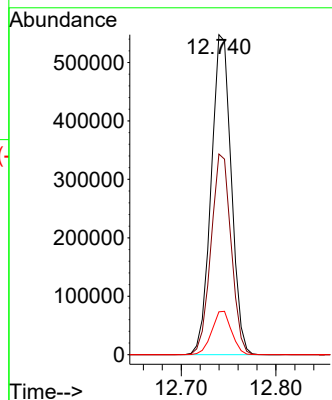
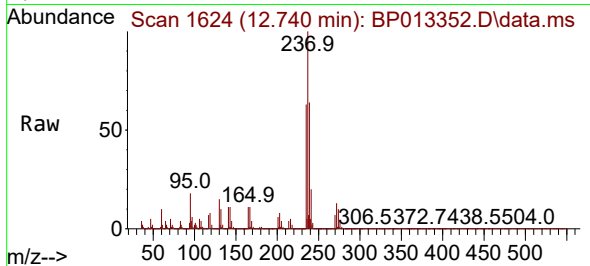




#40
Hexachlorocyclopentadiene
Concen: 32.445 ng/ul
RT: 12.740 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

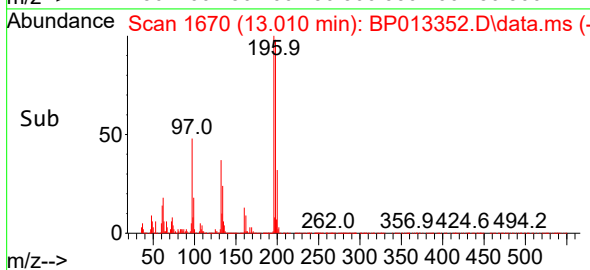
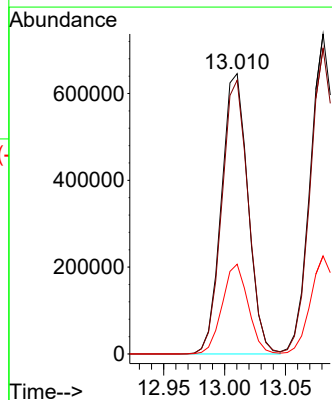
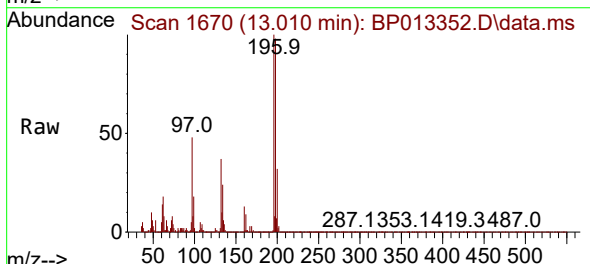
Instrument :
BNA_P
ClientSampleId :

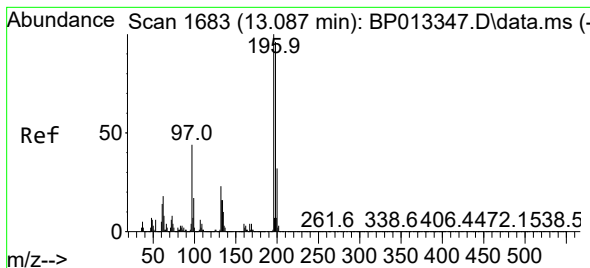
Tgt Ion:237 Resp: 805041
Ion Ratio Lower Upper
237 100
235 62.7 49.7 74.5
272 13.4 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 40.065 ng/ul
RT: 13.010 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:196 Resp: 981779
Ion Ratio Lower Upper
196 100
198 97.7 77.0 115.6
200 32.0 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 40.824 ng/ul

RT: 13.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

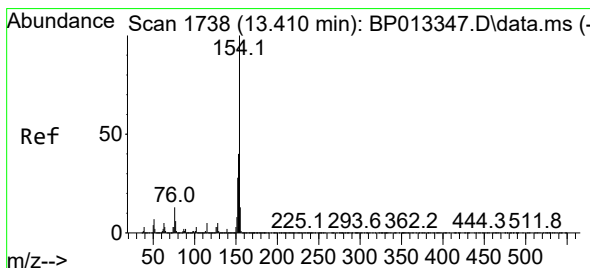
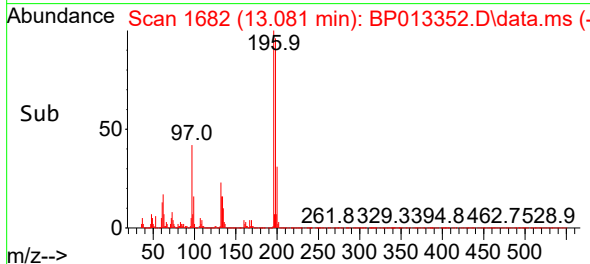
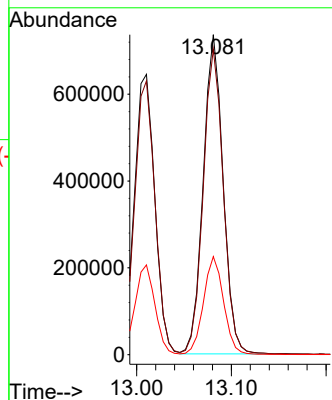
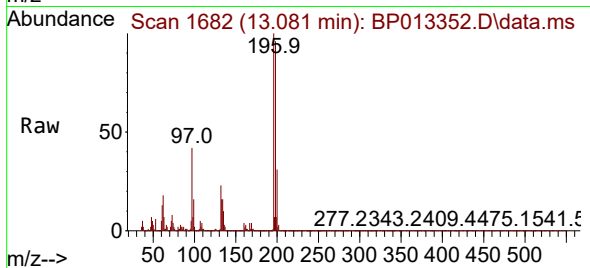
Tgt Ion:196 Resp: 1074543

Ion Ratio Lower Upper

196 100

198 95.5 77.1 115.7

200 30.6 25.4 38.2



#43

1,1'-Biphenyl

Concen: 36.663 ng/ul

RT: 13.410 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

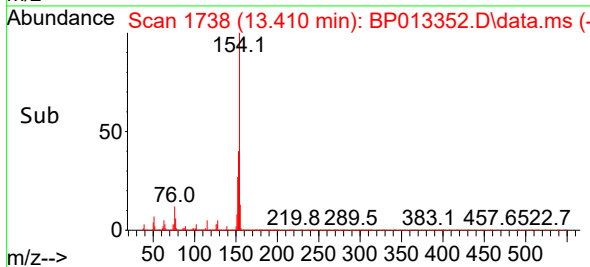
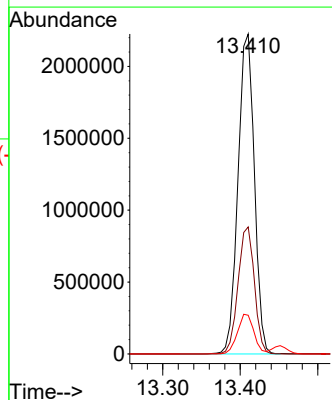
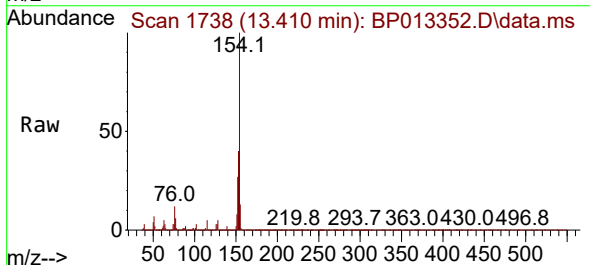
Tgt Ion:154 Resp: 3260523

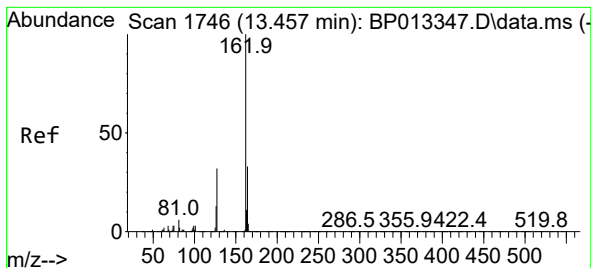
Ion Ratio Lower Upper

154 100

153 39.7 31.5 47.3

76 12.1 9.6 14.4





#44

2-Chloronaphthalene

Concen: 37.051 ng/ul

RT: 13.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

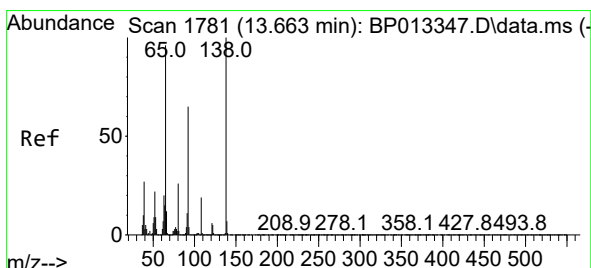
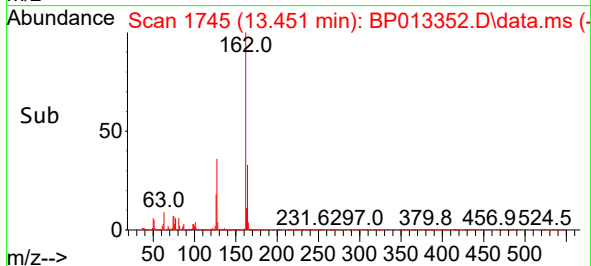
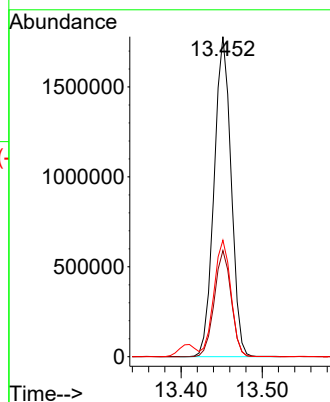
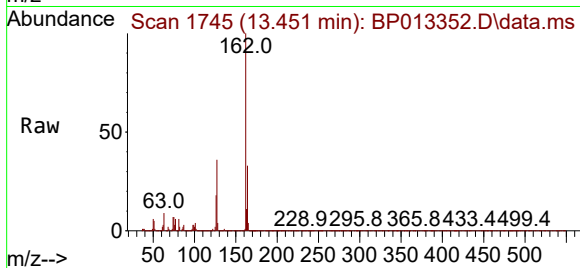
Tgt Ion:162 Resp: 2593360

Ion Ratio Lower Upper

162 100

164 33.1 26.3 39.5

127 36.4 29.3 43.9



#45

2-Nitroaniline

Concen: 44.933 ng/ul

RT: 13.657 min Scan# 1780

Delta R.T. -0.006 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

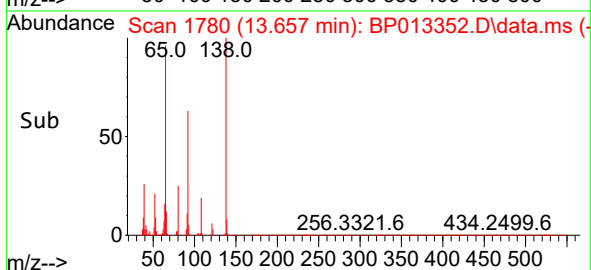
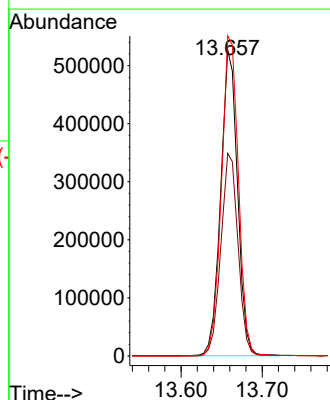
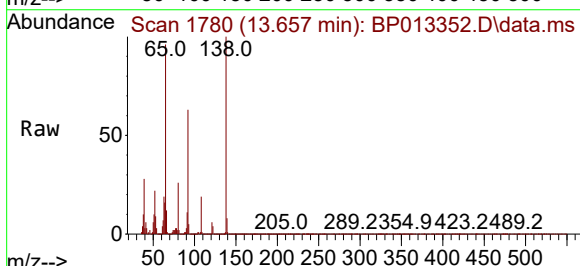
Tgt Ion: 65 Resp: 762515

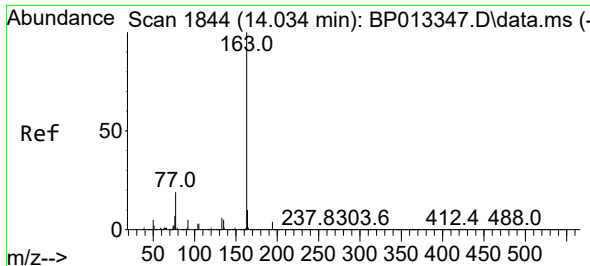
Ion Ratio Lower Upper

65 100

92 66.3 56.4 84.6

138 104.6 90.3 135.5

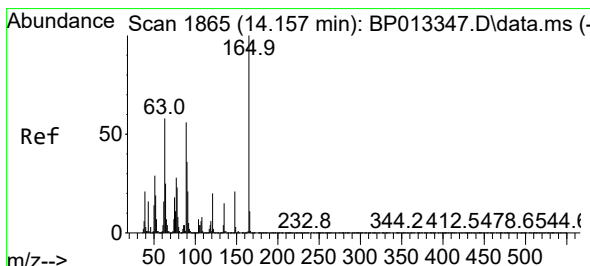
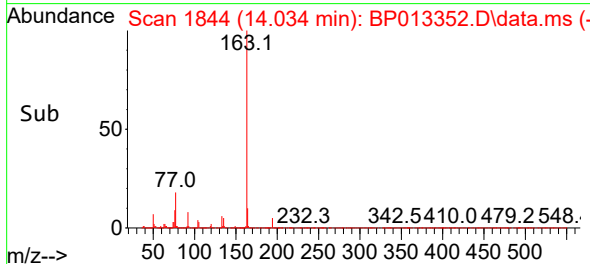
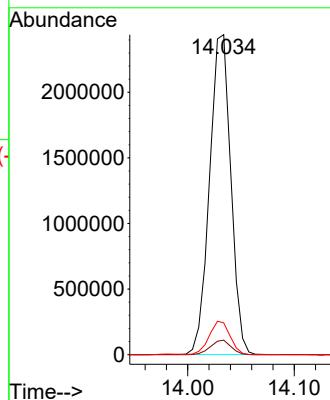
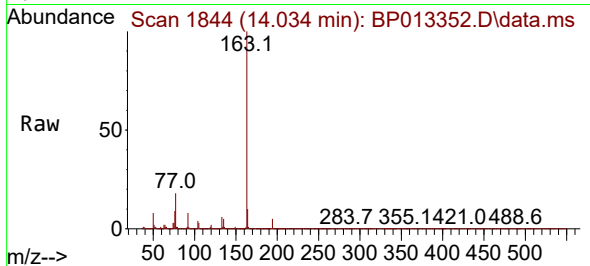




#47
Dimethylphthalate
Concen: 37.481 ng/ul
RT: 14.034 min Scan# 1844
Delta R.T. 0.006 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

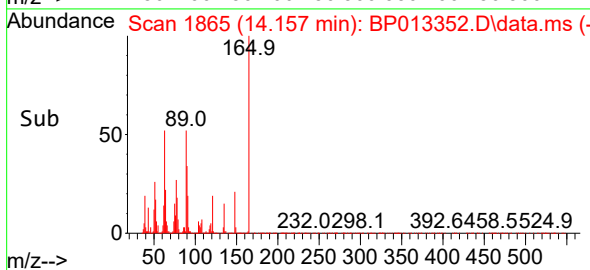
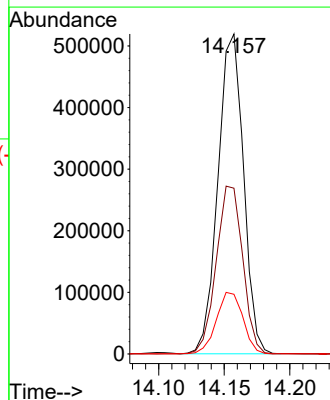
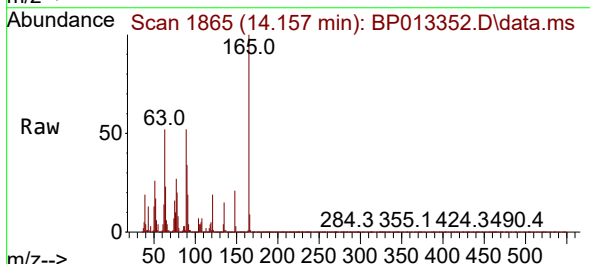
Instrument :
BNA_P
ClientSampleId :

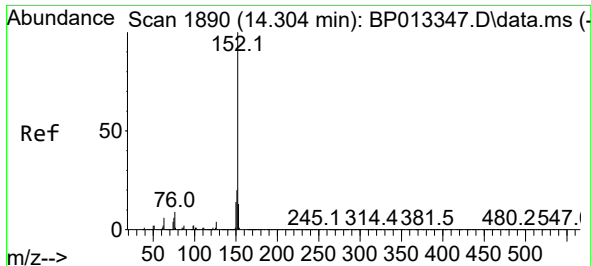
Tgt Ion:163 Resp: 3380721
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.0 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 41.952 ng/ul
RT: 14.157 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:165 Resp: 703232
Ion Ratio Lower Upper
165 100
89 51.8 43.0 64.4
121 18.7 16.1 24.1

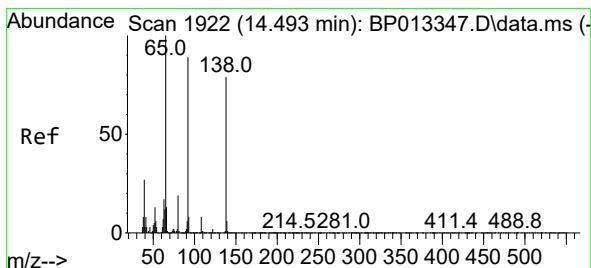
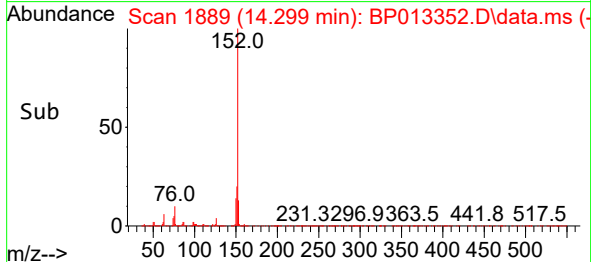
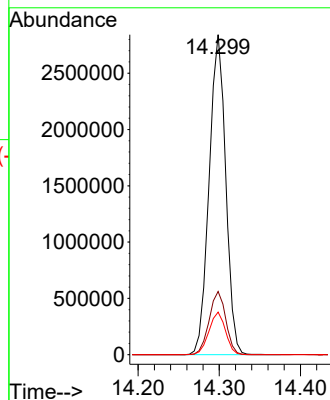
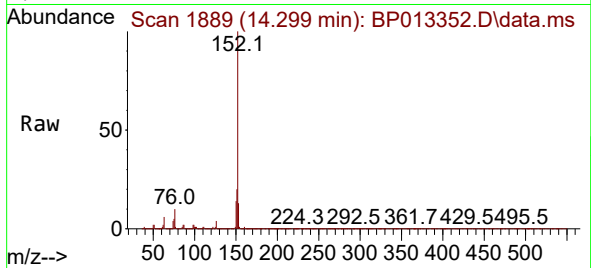




#50
Acenaphthylene
Concen: 37.428 ng/ul
RT: 14.299 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

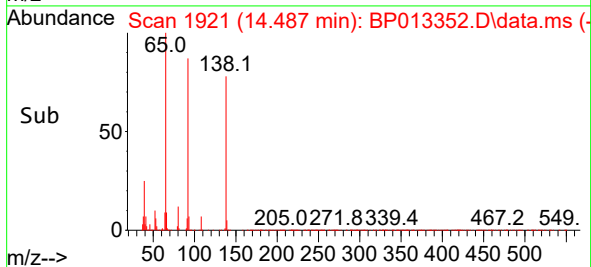
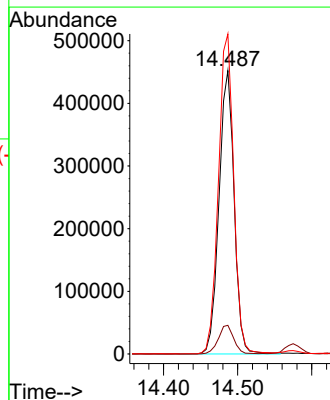
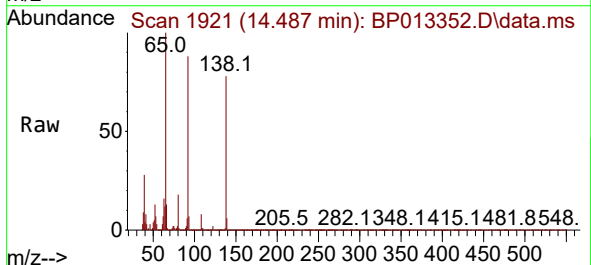
Instrument :
BNA_P
ClientSampleId :

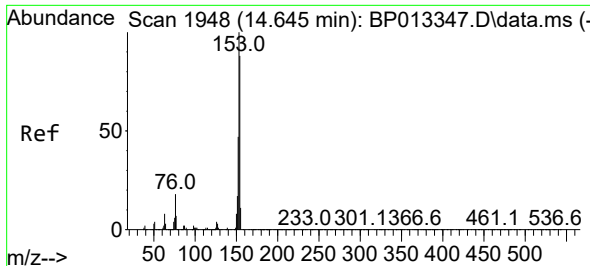
Tgt Ion:152 Resp: 4023797
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.3 10.6 16.0



#51
3-Nitroaniline
Concen: 40.542 ng/ul
RT: 14.487 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:138 Resp: 641709
Ion Ratio Lower Upper
138 100
108 10.1 8.6 13.0
92 112.9 88.4 132.6

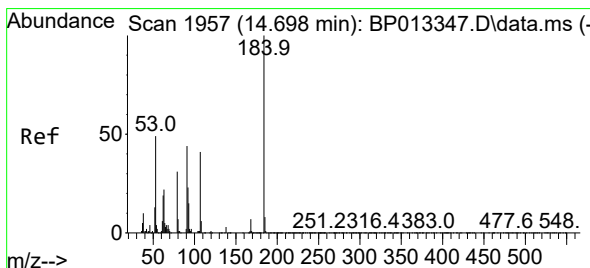
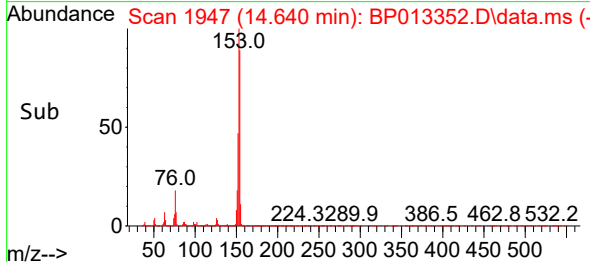
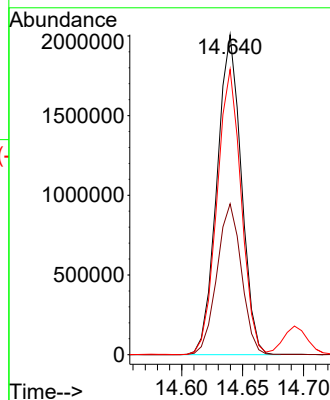
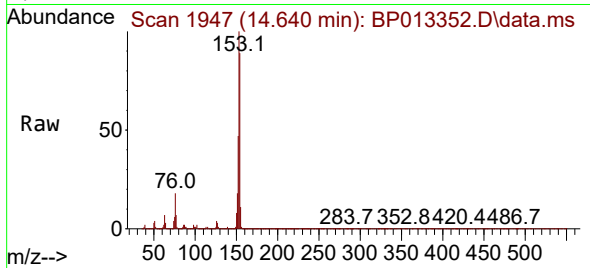




#52
Acenaphthene
Concen: 37.419 ng/ul
RT: 14.640 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

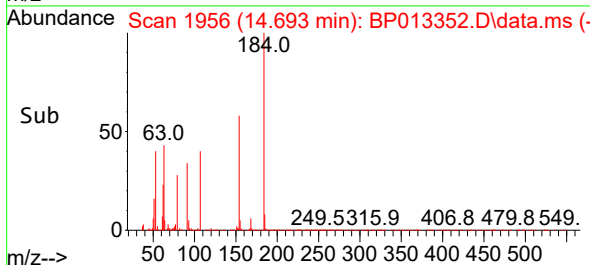
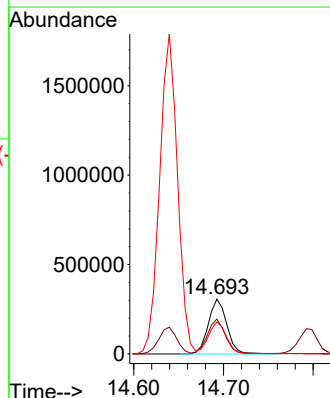
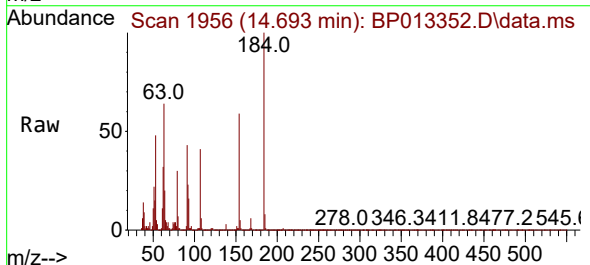
Instrument :
BNA_P
ClientSampleId :

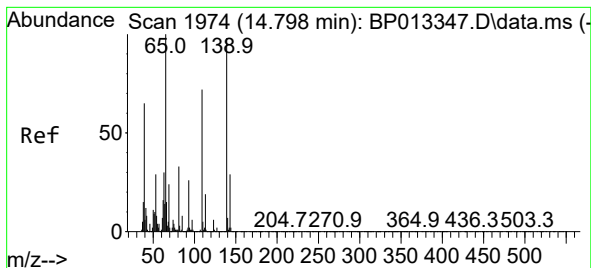
Tgt Ion:153 Resp: 2787773
Ion Ratio Lower Upper
153 100
152 47.2 38.2 57.4
154 89.1 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 38.295 ng/ul
RT: 14.693 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

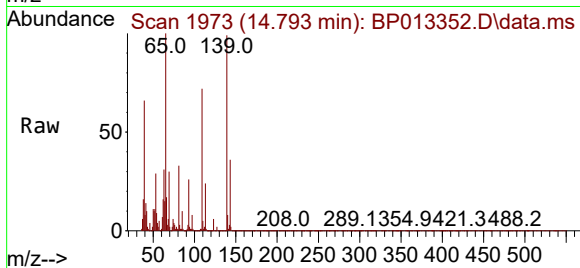
Tgt Ion:184 Resp: 438790
Ion Ratio Lower Upper
184 100
63 63.6 48.4 72.6
154 58.5 45.5 68.3



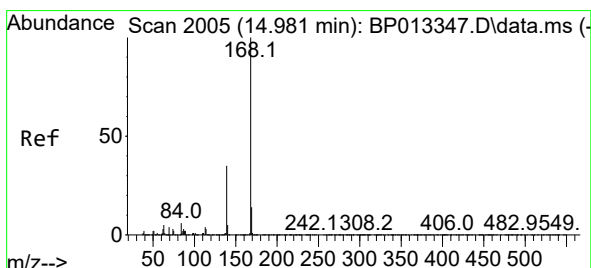
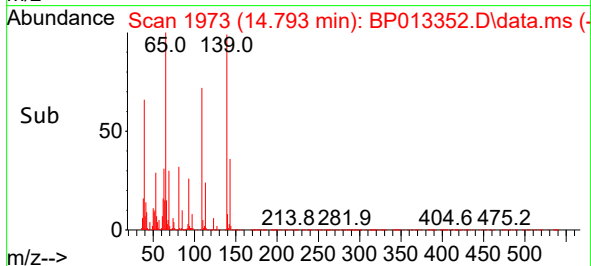
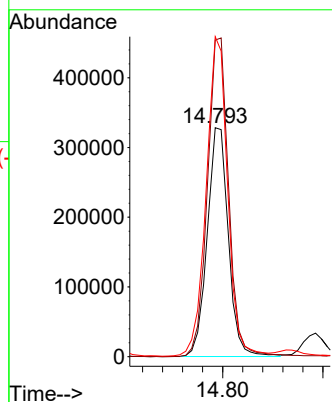


#55
4-Nitrophenol
Concen: 42.965 ng/ul
RT: 14.793 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Instrument :
BNA_P
ClientSampleId :

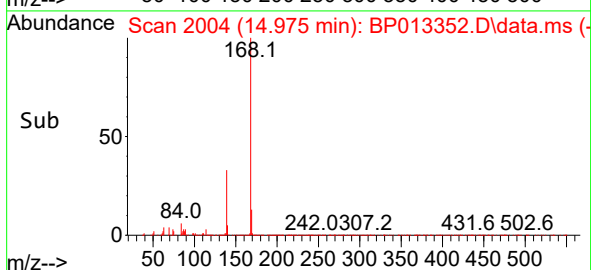
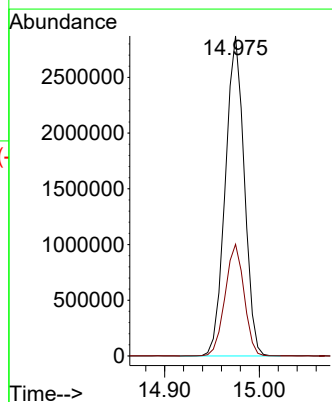
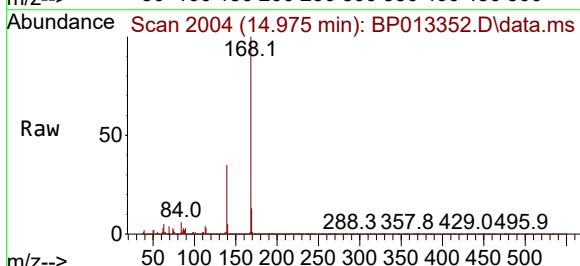


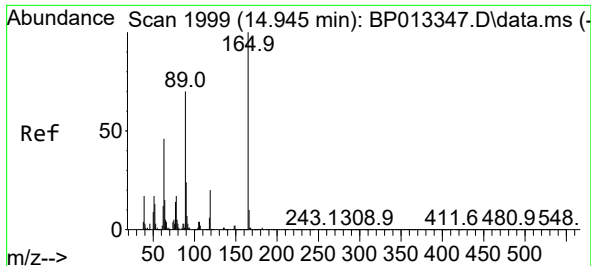
Tgt Ion:109 Resp: 479909
Ion Ratio Lower Upper
109 100
139 138.3 120.8 181.2
65 139.8 107.9 161.9



#56
Dibenzofuran
Concen: 37.714 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:168 Resp: 3994813
Ion Ratio Lower Upper
168 100
139 34.9 27.9 41.9

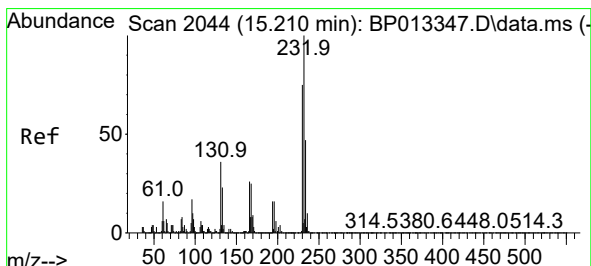
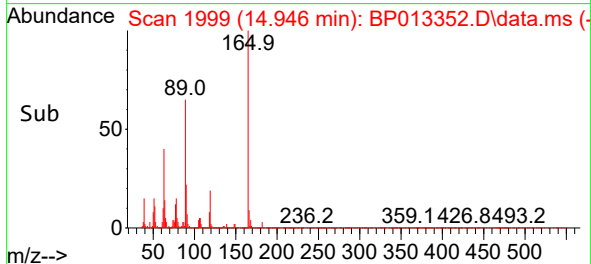
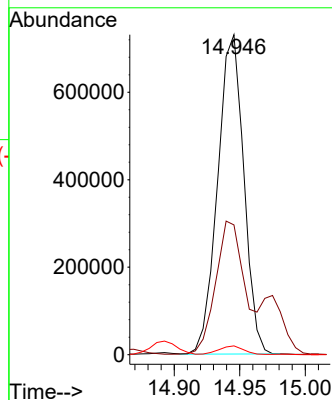
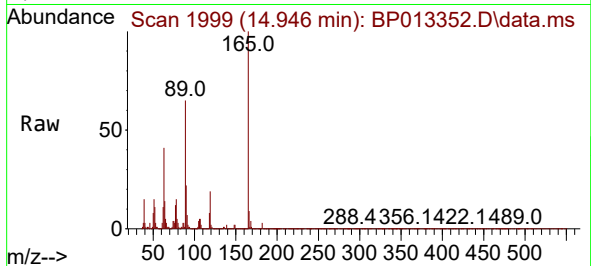




#57
2,4-Dinitrotoluene
Concen: 41.562 ng/ul
RT: 14.946 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

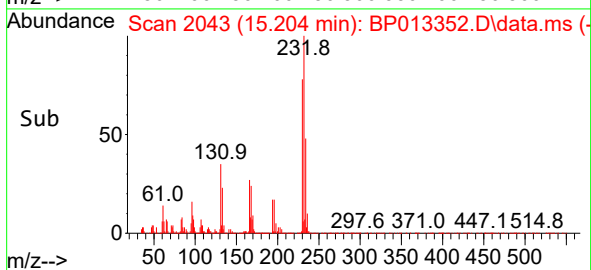
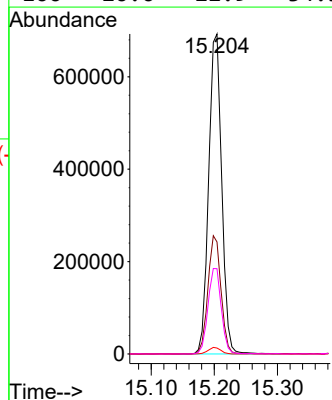
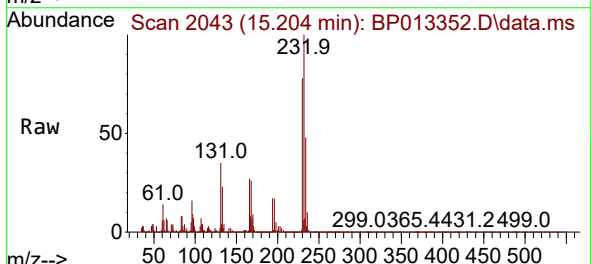
Instrument :
BNA_P
ClientSampleId :

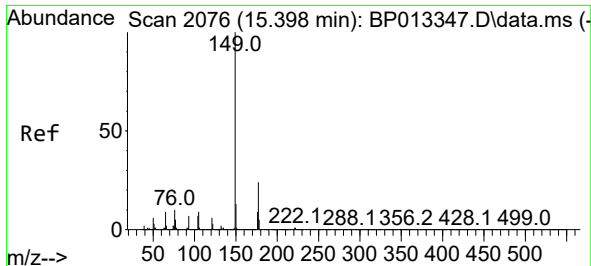
Tgt Ion:165 Resp: 1012007
Ion Ratio Lower Upper
165 100
63 40.5 31.8 47.6
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 41.395 ng/ul
RT: 15.204 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:232 Resp: 994346
Ion Ratio Lower Upper
232 100
131 35.0 31.8 47.6
130 1.8 1.8 2.6
166 26.6 22.9 34.3

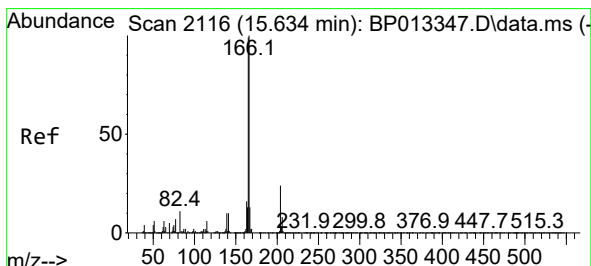
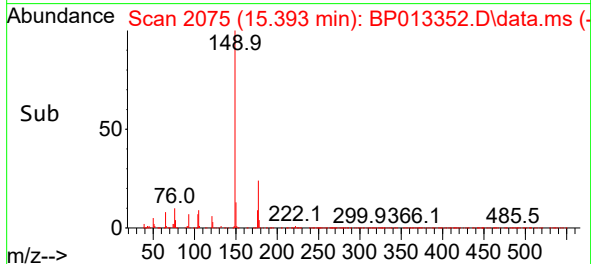
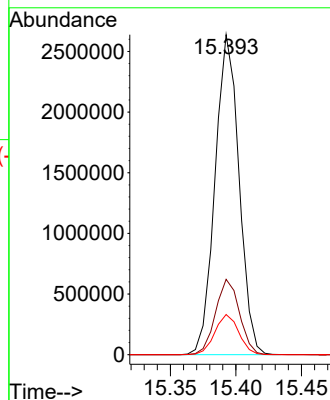
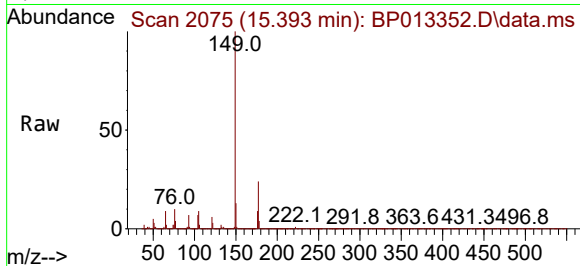




#59
Diethylphthalate
Concen: 38.229 ng/ul
RT: 15.393 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

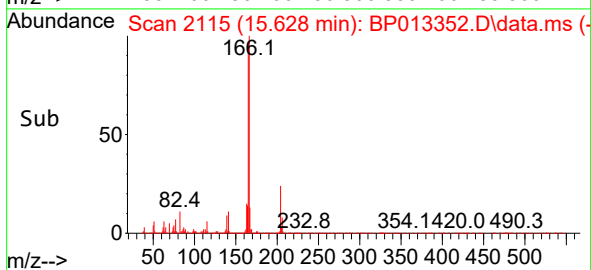
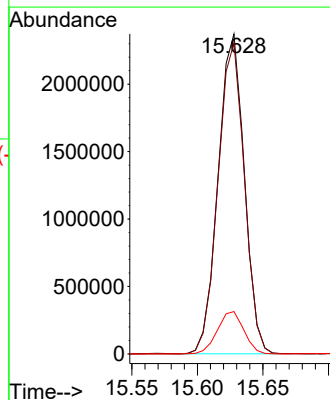
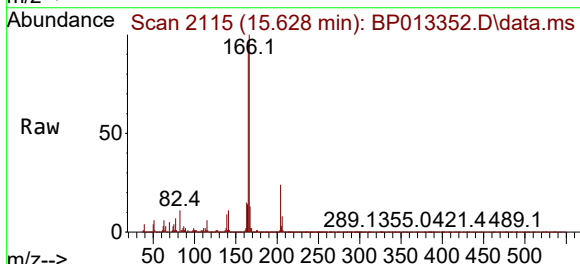
Instrument :
BNA_P
ClientSampleId :

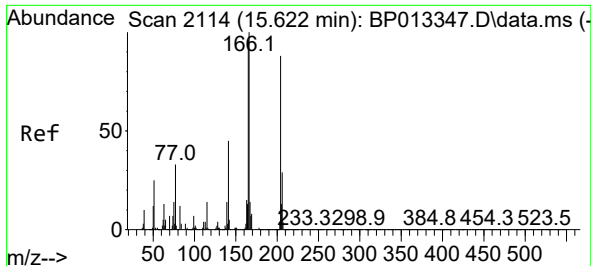
Tgt Ion:149 Resp: 3352044
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 12.6 9.9 14.9



#61
Fluorene
Concen: 38.747 ng/ul
RT: 15.628 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:166 Resp: 3291559
Ion Ratio Lower Upper
166 100
165 97.2 77.4 116.2
167 13.2 10.6 16.0

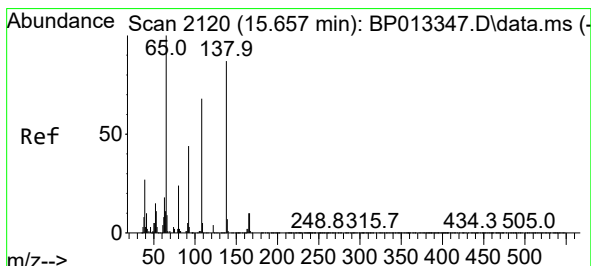
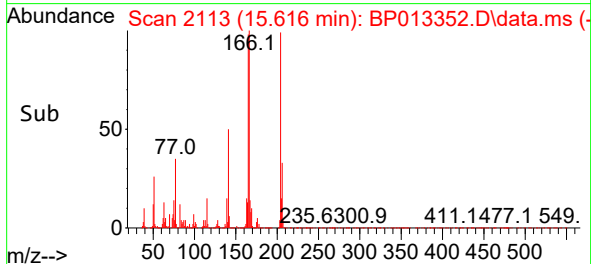
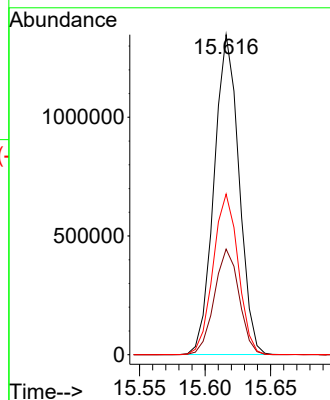
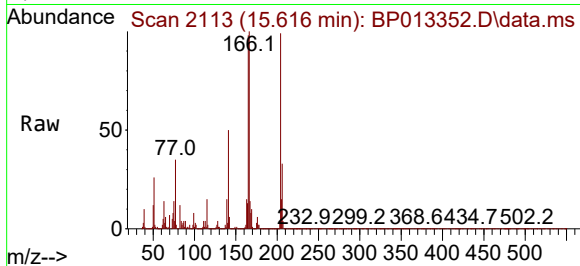




#62
4-Chlorophenyl-phenylether
Concen: 39.572 ng/ul
RT: 15.616 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

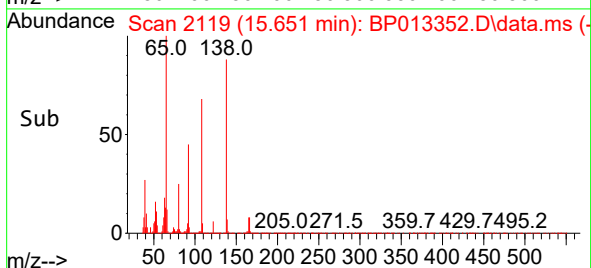
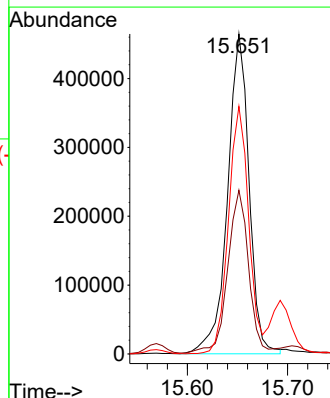
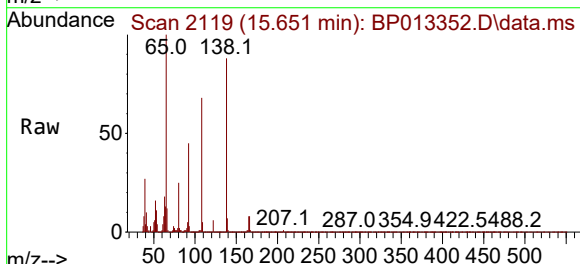
Instrument :
BNA_P
ClientSampleId :

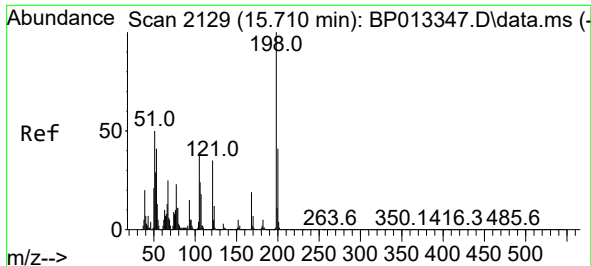
Tgt Ion:204 Resp: 1777753
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 50.2 40.4 60.6



#63
4-Nitroaniline
Concen: 49.734 ng/ul
RT: 15.651 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:138 Resp: 692698
Ion Ratio Lower Upper
138 100
92 51.2 39.0 58.4
108 77.3 55.1 82.7

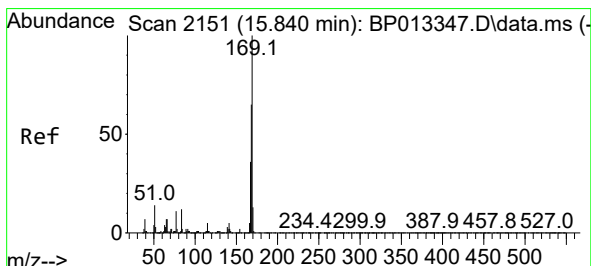
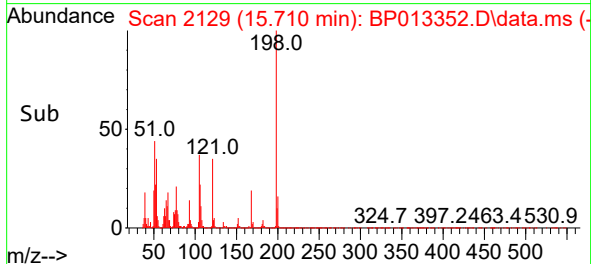
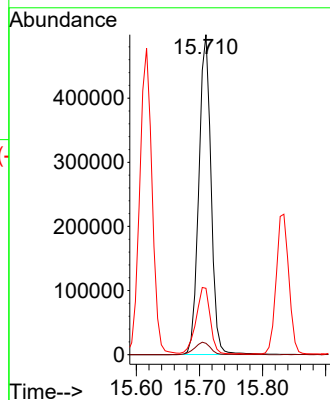
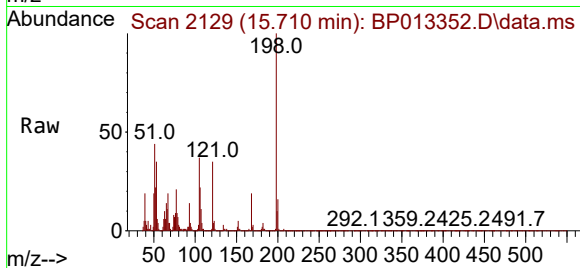




#66
4,6-Dinitro-2-methylphenol
Concen: 38.299 ng/ul
RT: 15.710 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

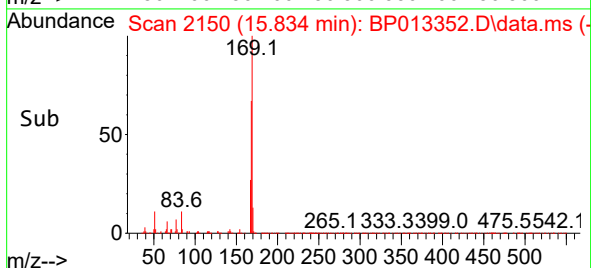
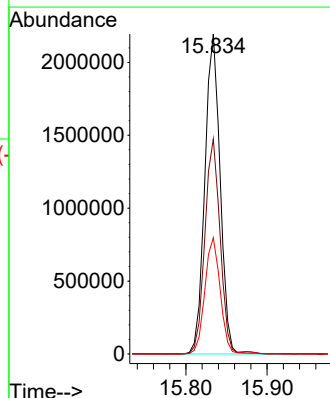
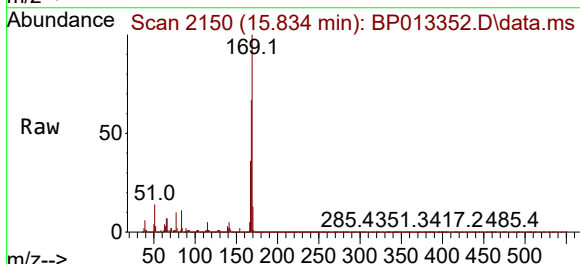
Instrument :
BNA_P
ClientSampleId :

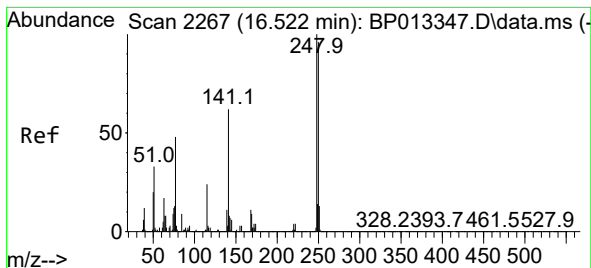
Tgt Ion:198 Resp: 669633
Ion Ratio Lower Upper
198 100
182 3.5 3.3 4.9
77 20.8 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 37.059 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:169 Resp: 2856534
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.3 29.1 43.7

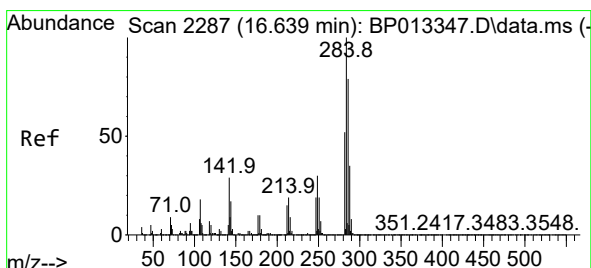
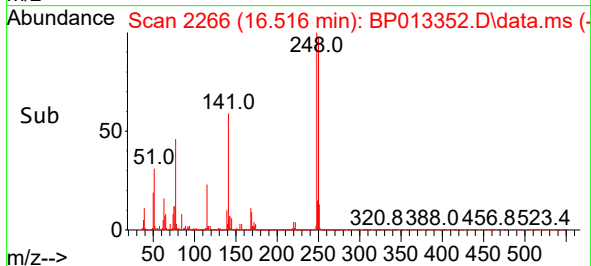
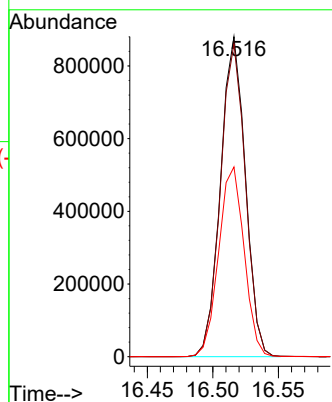
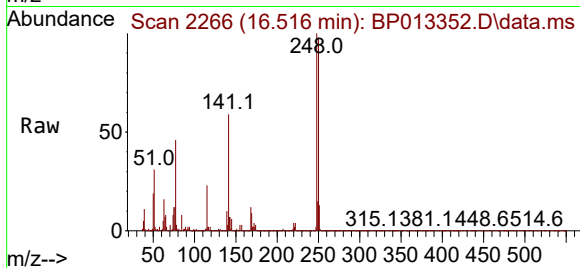




#68
4-Bromophenyl-phenylether
Concen: 38.478 ng/ul
RT: 16.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

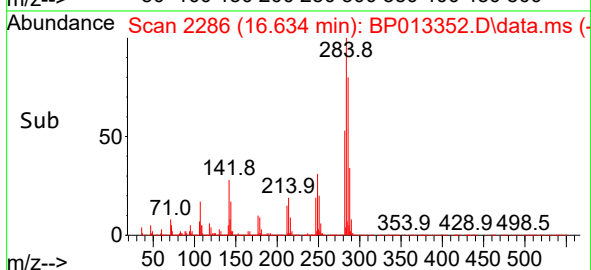
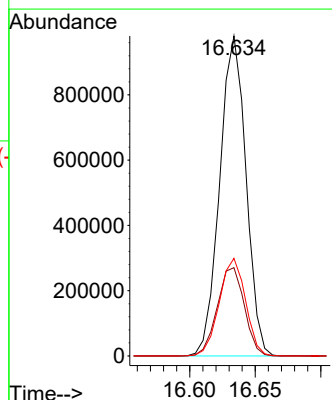
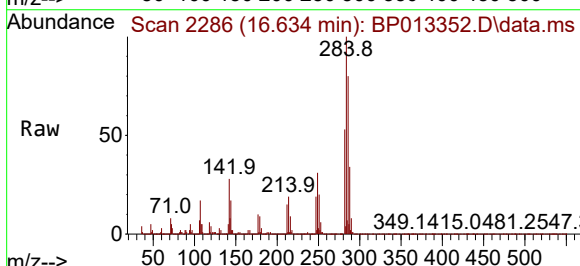
Instrument :
BNA_P
ClientSampleId :

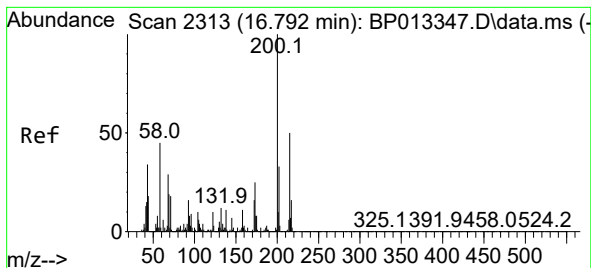
Tgt Ion:248 Resp: 1161781
Ion Ratio Lower Upper
248 100
250 97.7 77.4 116.0
141 59.3 48.3 72.5



#69
Hexachlorobenzene
Concen: 38.116 ng/ul
RT: 16.634 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:284 Resp: 1366491
Ion Ratio Lower Upper
284 100
142 27.6 22.6 34.0
249 30.5 24.6 37.0





#70

Atrazine

Concen: 38.857 ng/ul

RT: 16.793 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

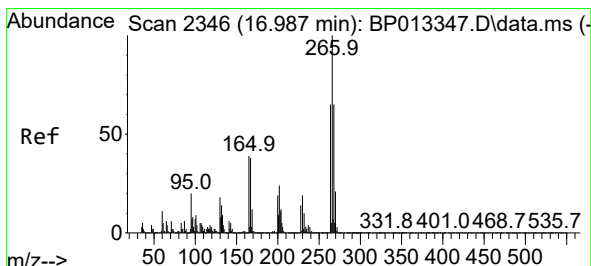
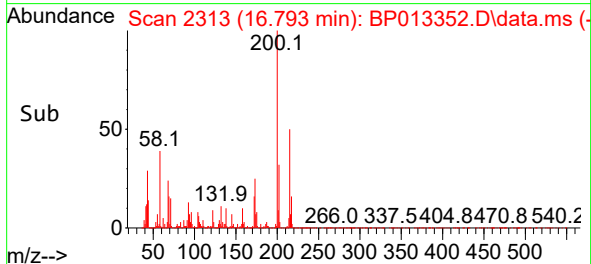
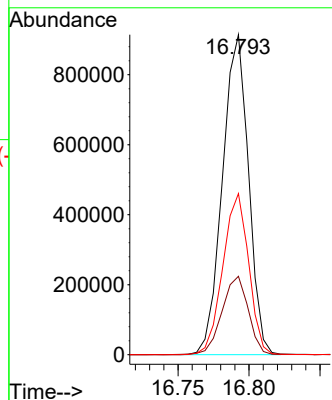
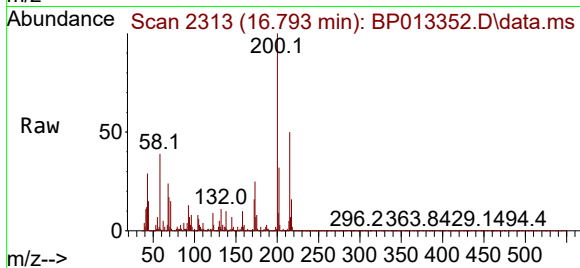
Tgt Ion:200 Resp: 1167188

Ion Ratio Lower Upper

200 100

173 24.5 20.5 30.7

215 50.3 39.9 59.9



#71

Pentachlorophenol

Concen: 38.467 ng/ul

RT: 16.981 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

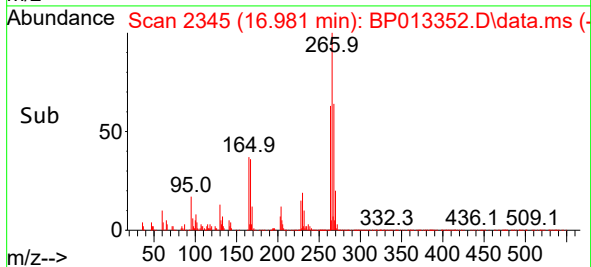
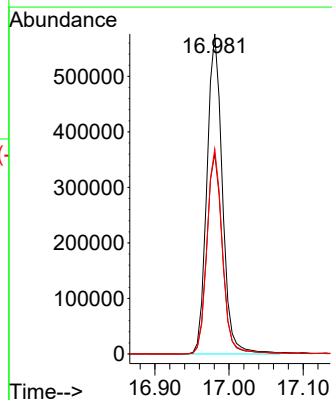
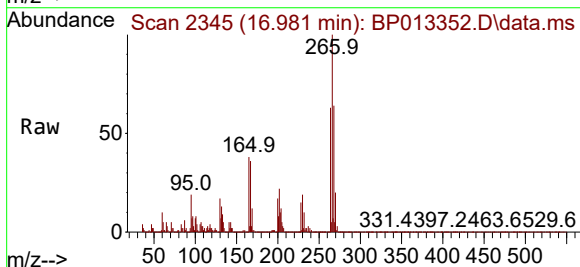
Tgt Ion:266 Resp: 835175

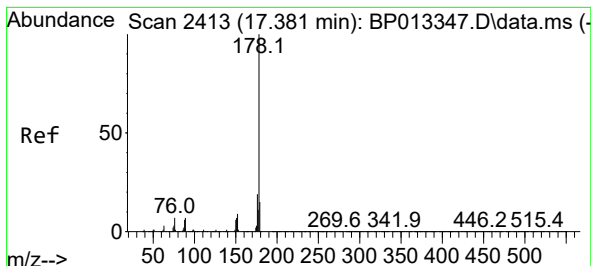
Ion Ratio Lower Upper

266 100

264 62.6 50.9 76.3

268 64.1 51.4 77.2





#72

Phenanthrene

Concen: 37.340 ng/ul

RT: 17.375 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

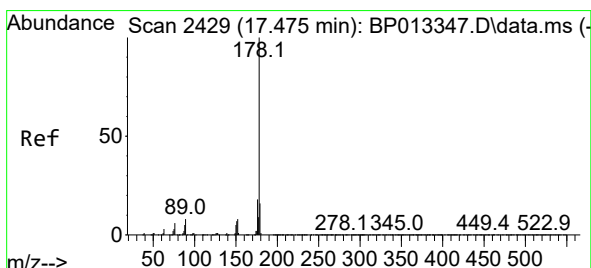
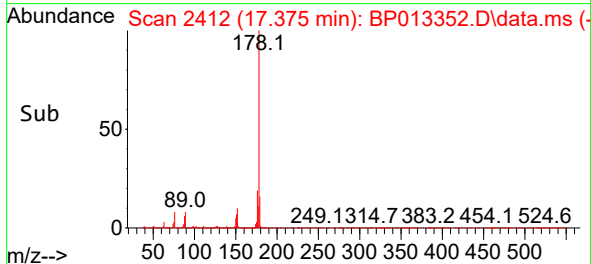
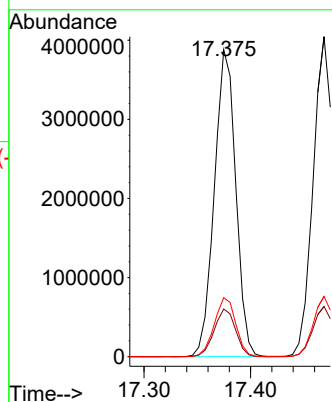
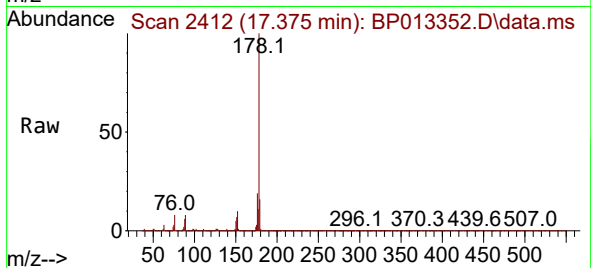
Tgt Ion:178 Resp: 5407413

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.2 15.4 23.0



#74

Anthracene

Concen: 37.907 ng/ul

RT: 17.469 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

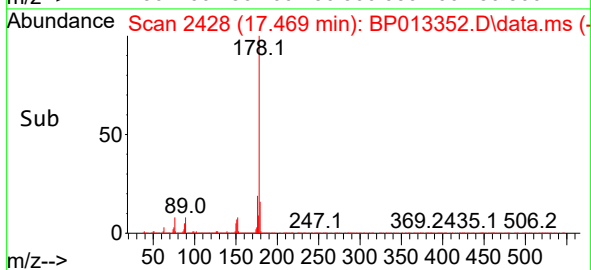
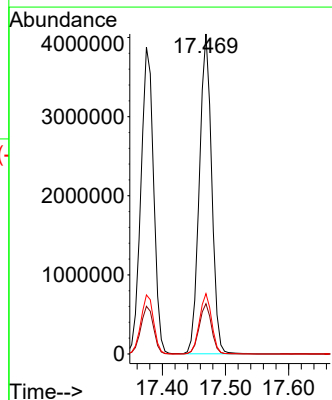
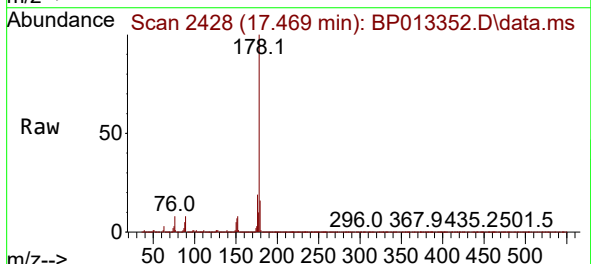
Tgt Ion:178 Resp: 5481217

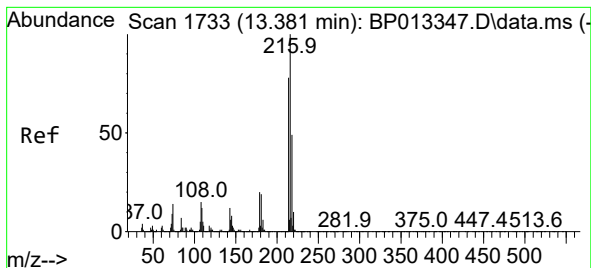
Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 18.9 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 37.694 ng/uL

RT: 13.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

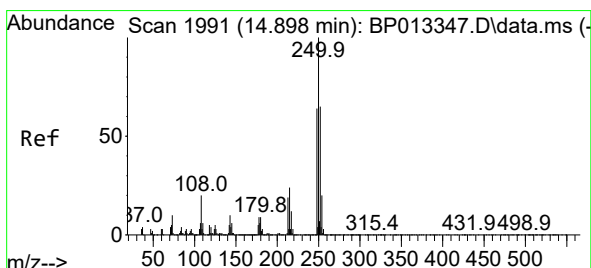
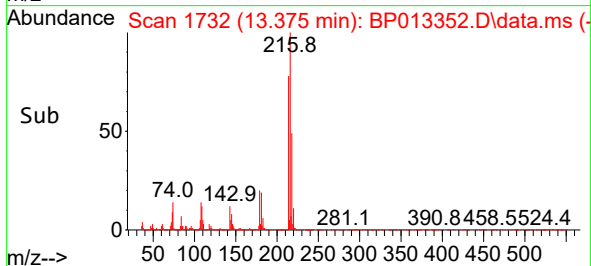
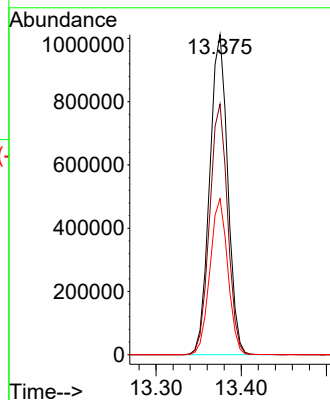
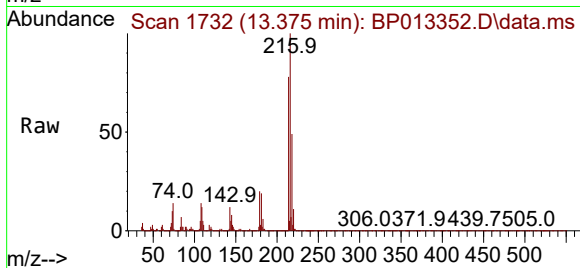
Tgt Ion:216 Resp: 1495200

Ion Ratio Lower Upper

216 100

214 78.3 62.2 93.2

218 48.8 38.9 58.3



#76

Pentachlorobenzene

Concen: 36.811 ng/uL

RT: 14.893 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

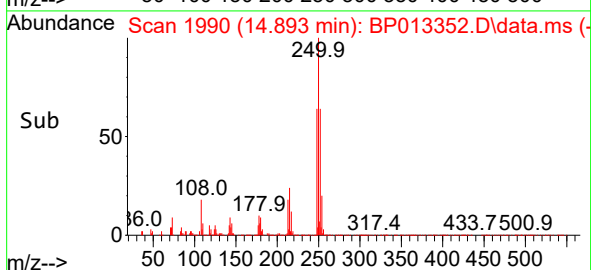
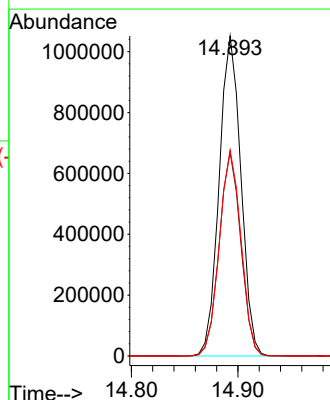
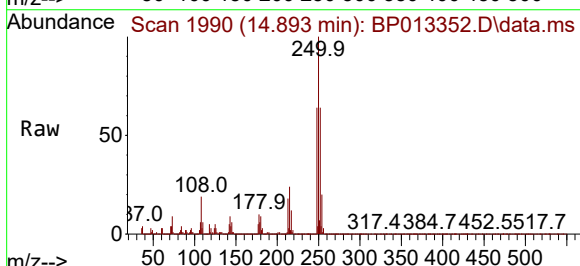
Tgt Ion:250 Resp: 1488728

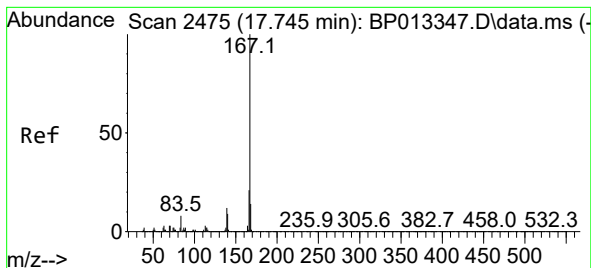
Ion Ratio Lower Upper

250 100

248 63.7 50.6 76.0

252 64.4 51.1 76.7





#77

Carbazole

Concen: 39.946 ng/ul

RT: 17.740 min Scan# 2475

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

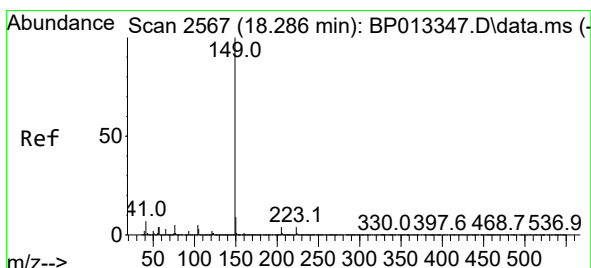
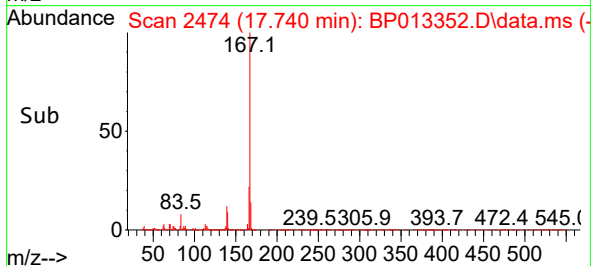
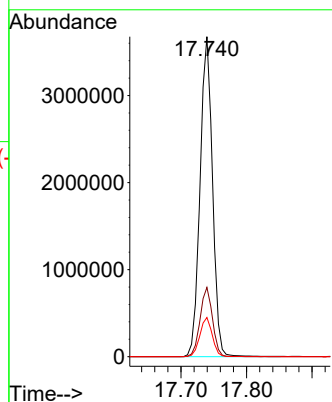
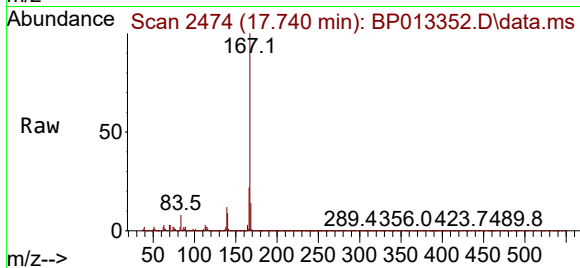
Tgt Ion:167 Resp: 4864347

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 12.2 9.4 14.2



#78

Di-n-butylphthalate

Concen: 39.921 ng/ul

RT: 18.281 min Scan# 2566

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

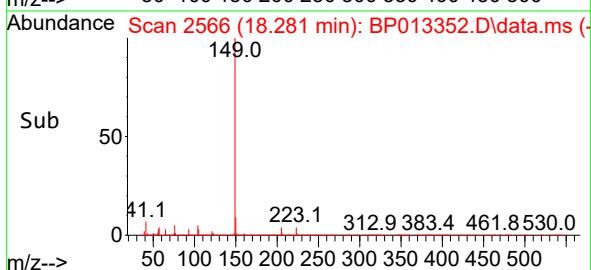
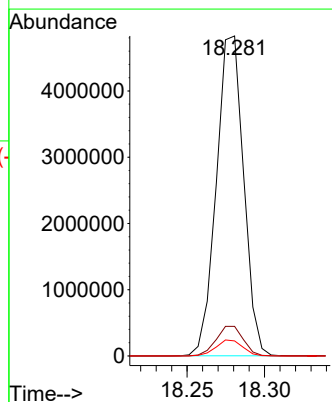
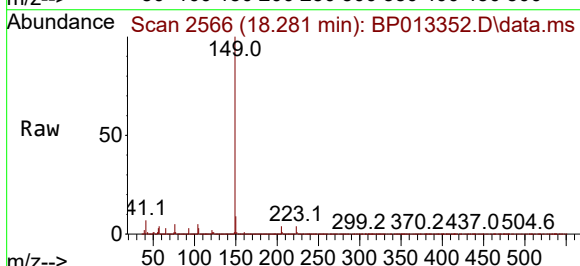
Tgt Ion:149 Resp: 5919033

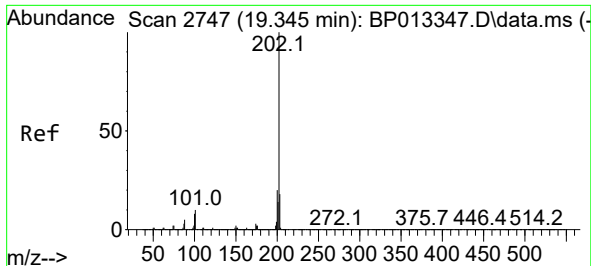
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.7 3.8 5.6

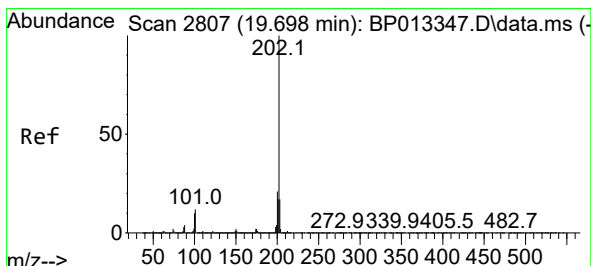
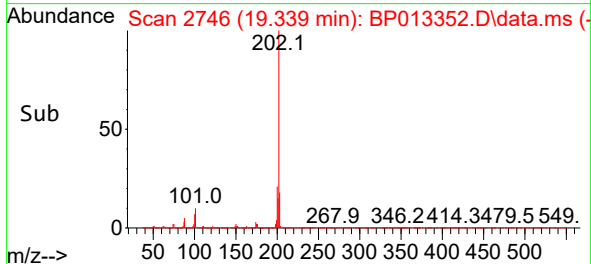
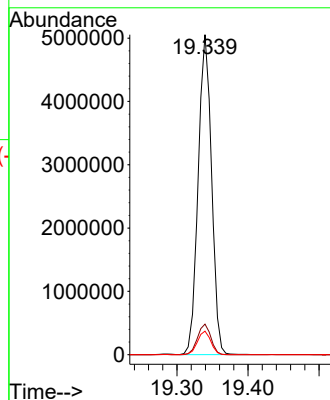
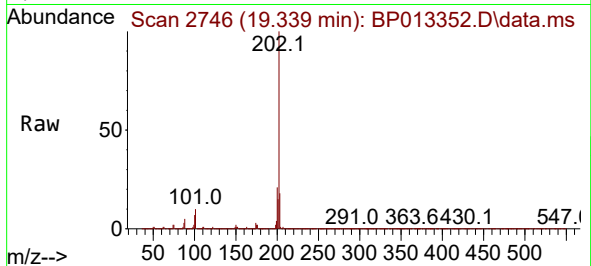




#80
Fluoranthene
Concen: 40.111 ng/ul
RT: 19.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

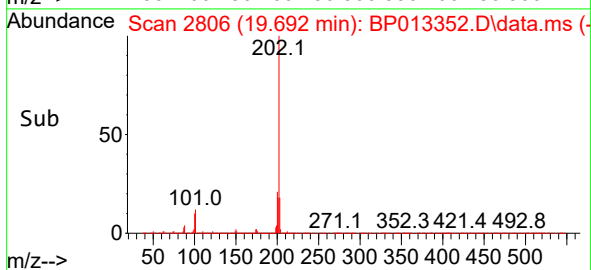
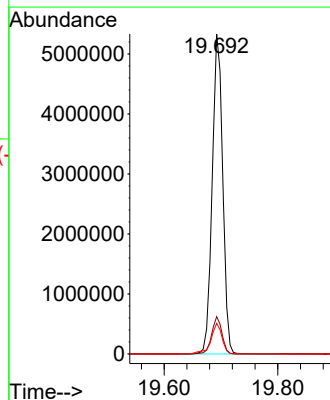
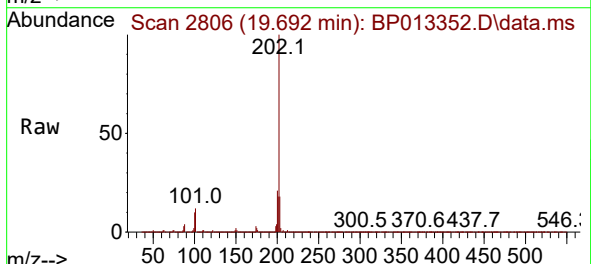
Instrument :
BNA_P
ClientSampleId :

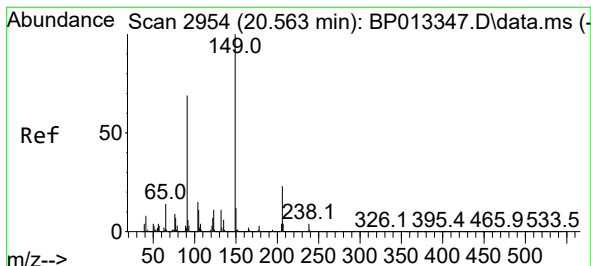
Tgt Ion:202 Resp: 6640928
Ion Ratio Lower Upper
202 100
101 9.6 8.2 12.2
100 7.4 6.1 9.1



#82
Pyrene
Concen: 39.768 ng/ul
RT: 19.692 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:202 Resp: 6791902
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 9.5 7.8 11.8





#83

Butylbenzylphthalate

Concen: 39.901 ng/ul

RT: 20.557 min Scan# 2954

Delta R.T. -0.006 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

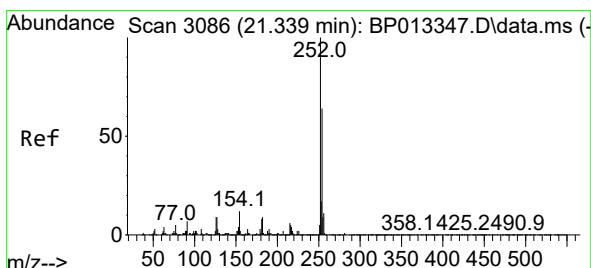
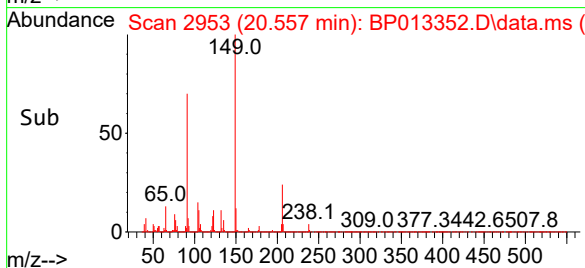
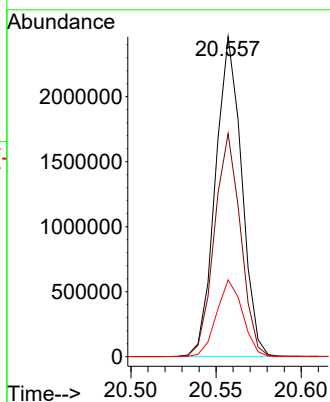
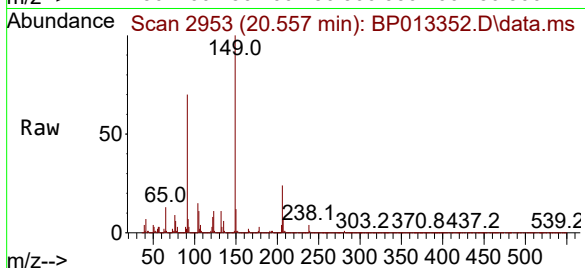
Tgt Ion:149 Resp: 2632605

Ion Ratio Lower Upper

149 100

91 69.7 53.4 80.0

206 24.0 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 31.056 ng/ul

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

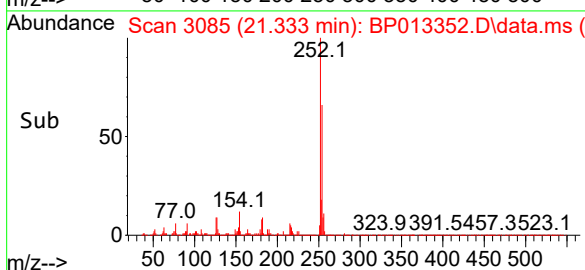
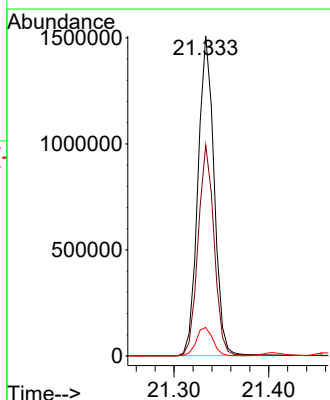
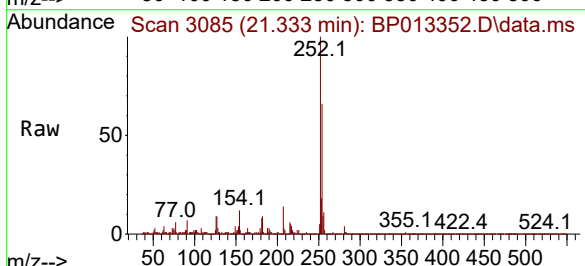
Tgt Ion:252 Resp: 1782978

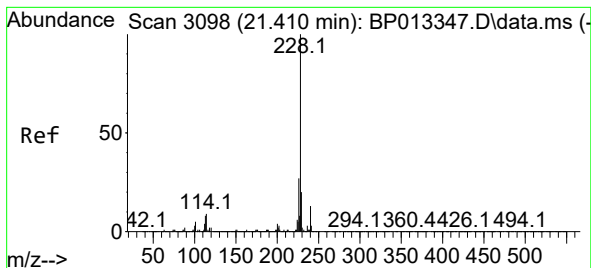
Ion Ratio Lower Upper

252 100

254 65.9 51.8 77.8

126 8.9 7.4 11.2





#85

Benzo(a)anthracene

Concen: 37.935 ng/ul

RT: 21.404 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

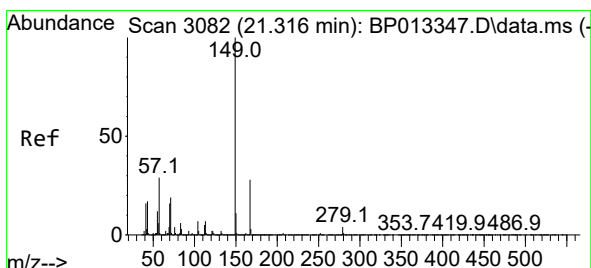
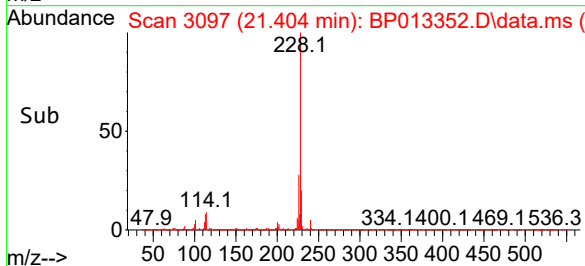
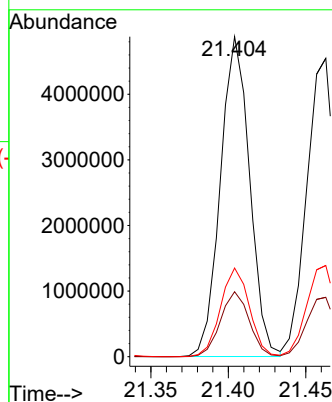
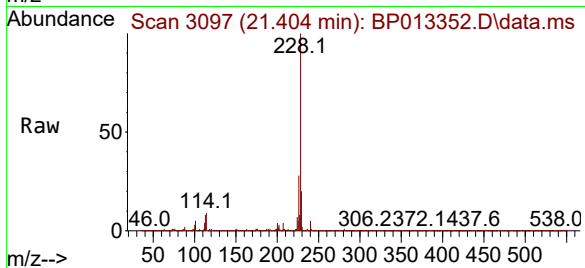
Tgt Ion:228 Resp: 6399923

Ion Ratio Lower Upper

228 100

229 20.3 16.1 24.1

226 27.7 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 40.841 ng/ul

RT: 21.310 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

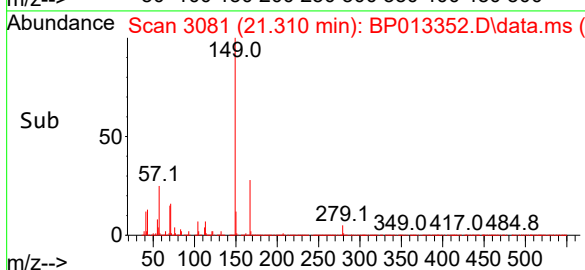
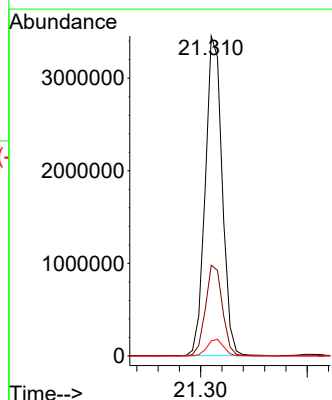
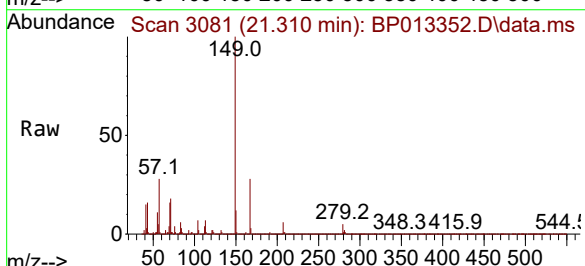
Tgt Ion:149 Resp: 3801068

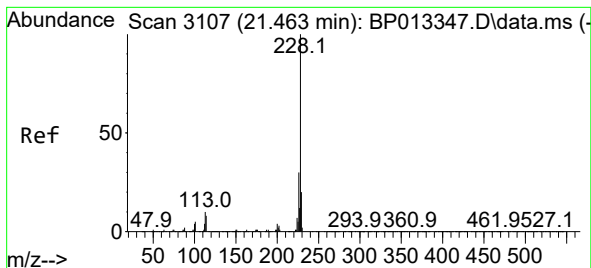
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

279 4.7 3.8 5.8





#87

Chrysene

Concen: 37.586 ng/ul

RT: 21.463 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

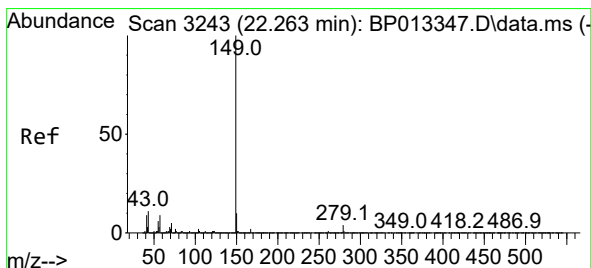
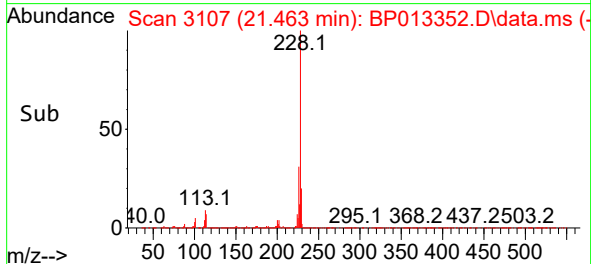
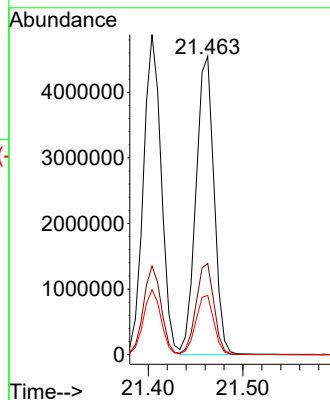
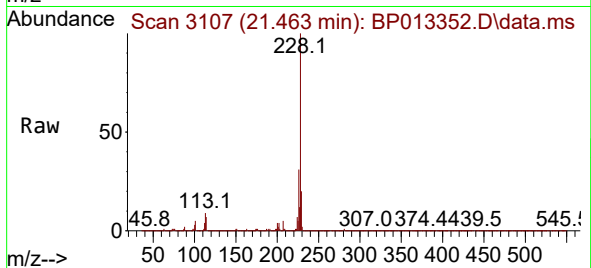
Tgt Ion:228 Resp: 5996509

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 19.9 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 46.688 ng/ul

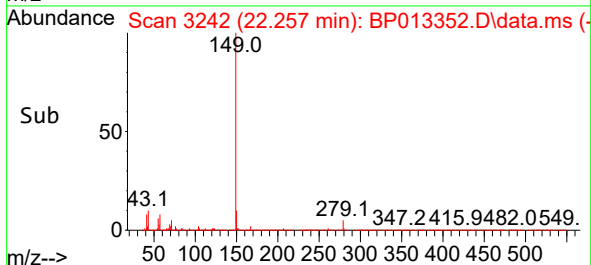
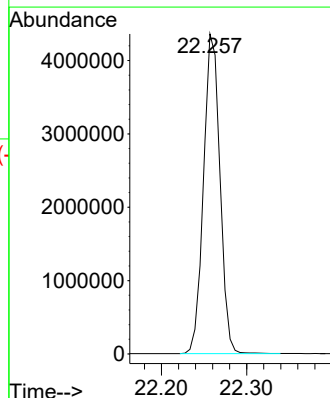
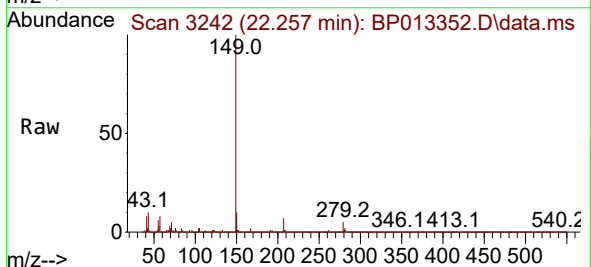
RT: 22.257 min Scan# 3242

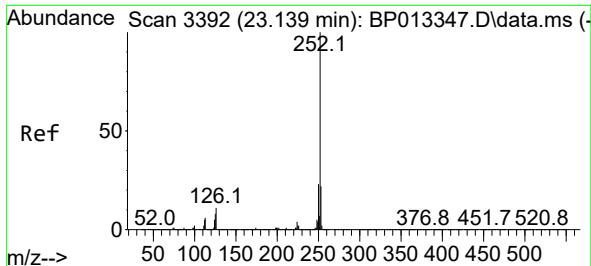
Delta R.T. -0.006 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Tgt Ion:149 Resp: 5827228

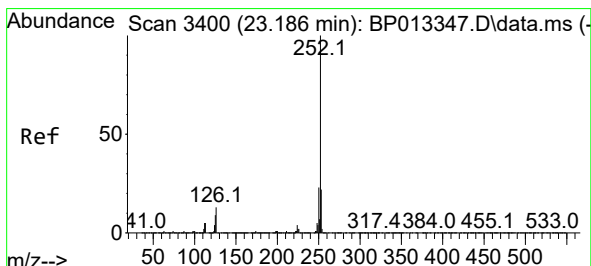
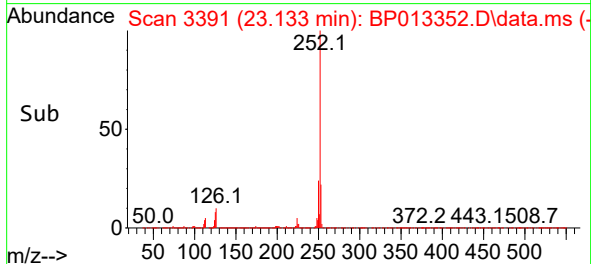
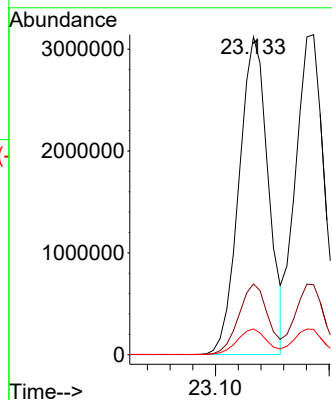
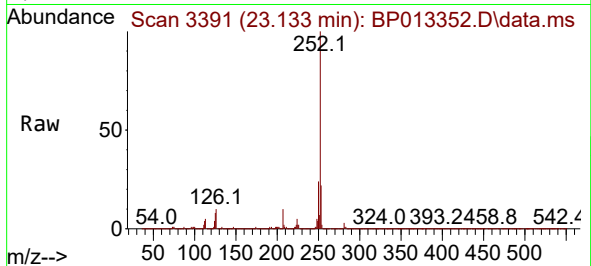




#90
Benzo(b)fluoranthene
Concen: 39.263 ng/ul
RT: 23.133 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

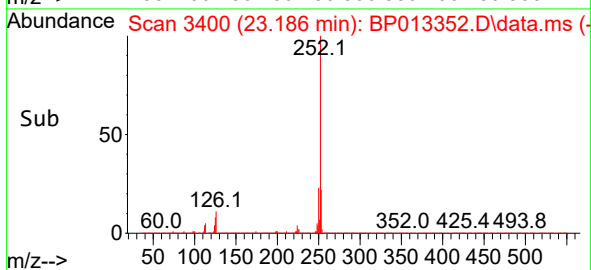
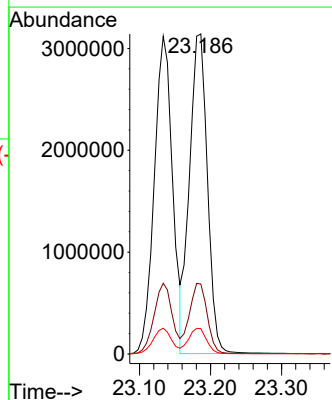
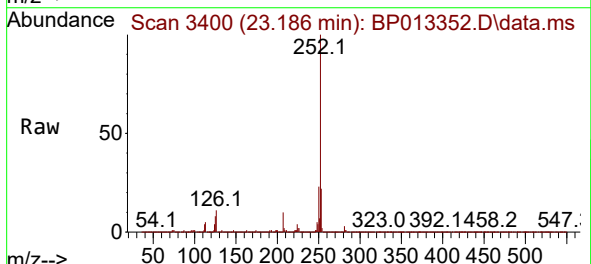
Instrument :
BNA_P
ClientSampleId :

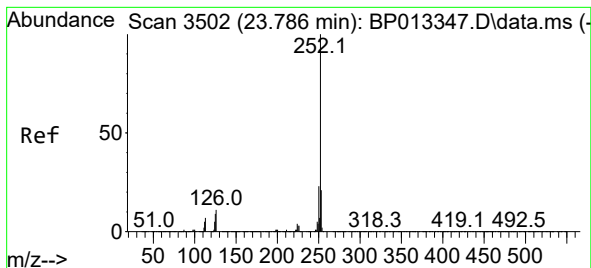
Tgt Ion:252 Resp: 5578039
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.1 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 39.025 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP013352.D
Acq: 28 Dec 2022 15:12

Tgt Ion:252 Resp: 5497622
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 7.9 6.8 10.2





#93

Benzo(a)pyrene

Concen: 37.908 ng/ul

RT: 23.780 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

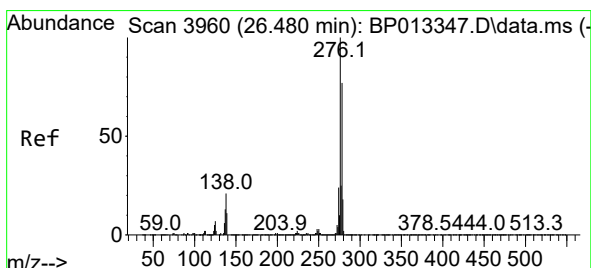
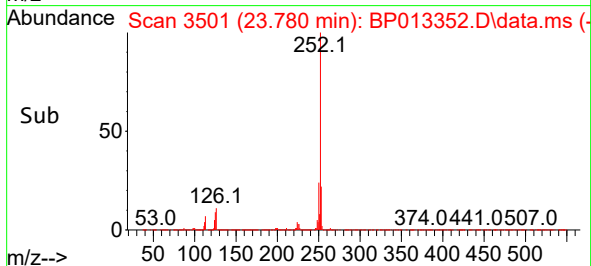
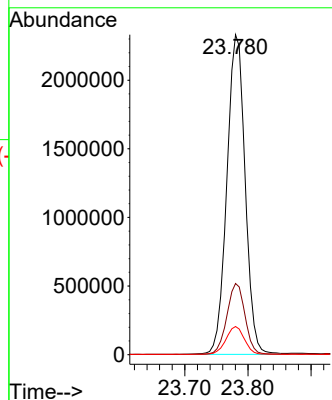
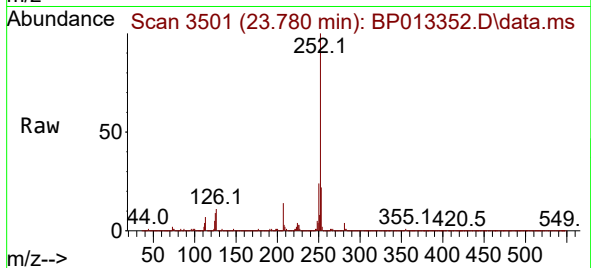
Tgt Ion:252 Resp: 4689292

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 8.8 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.287 ng/ul

RT: 26.468 min Scan# 3958

Delta R.T. -0.006 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

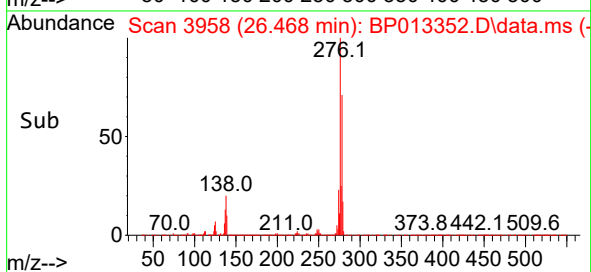
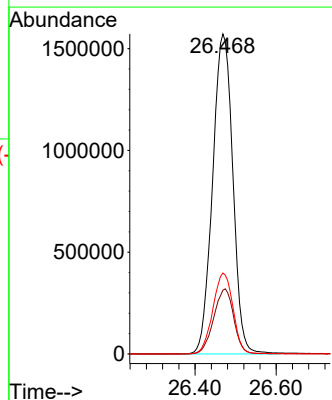
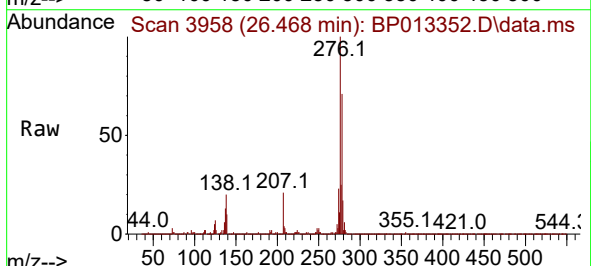
Tgt Ion:276 Resp: 5437202

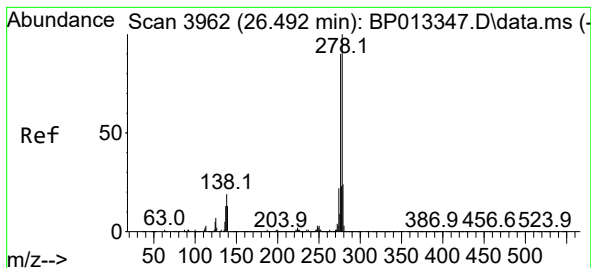
Ion Ratio Lower Upper

276 100

138 19.9 17.1 25.7

277 25.3 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 35.989 ng/ul

RT: 26.486 min Scan# 3961

Delta R.T. -0.006 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Instrument :

BNA_P

ClientSampleId :

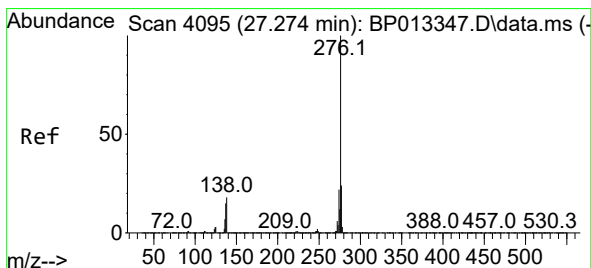
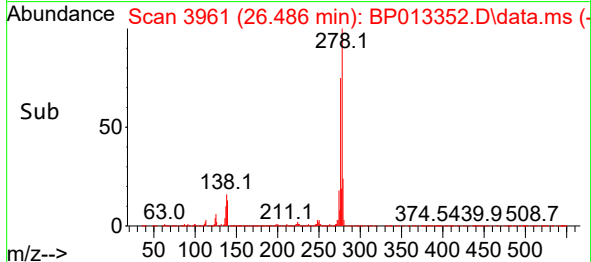
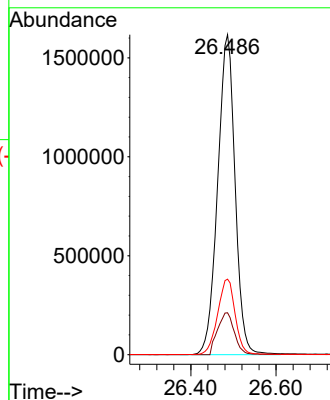
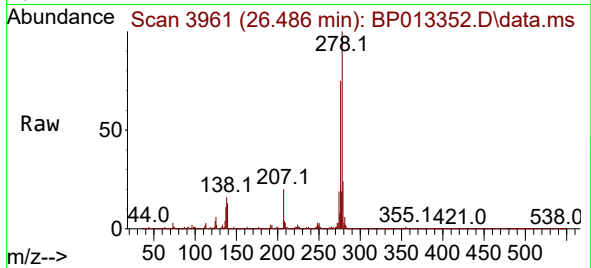
Tgt Ion:278 Resp: 4591272

Ion Ratio Lower Upper

278 100

139 13.1 11.1 16.7

279 23.6 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 35.946 ng/ul

RT: 27.257 min Scan# 4092

Delta R.T. -0.006 min

Lab File: BP013352.D

Acq: 28 Dec 2022 15:12

Tgt Ion:276 Resp: 4446555

Ion Ratio Lower Upper

276 100

138 17.5 15.4 23.2

277 23.6 19.1 28.7

